

DP12-006

FORD

12/14/2012

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DP12-006

FORD

12/14/2012

Appendix D - Litigation
Prevention Files





Ford Motor Company
Product Claims Department
P.O. Box 70
Dearborn, Michigan 48121-0070

SENT VIA U. S. MAIL ONLY

August 28, 2008

[REDACTED]
Walled Lake, MI [REDACTED]

RE: 2009 Escape
VIN: 1FMCU94G09K [REDACTED]

Dear [REDACTED]

This letter is in regard to the above named vehicle.

Your concern has been thoroughly reviewed by a Ford Motor Company Field Service Engineer (FSE) at Pat Milliken Ford, Redford, MI. Because the FSE was not able to confirm a manufacturer's defect related to the July 29, 2008 incident, Ford Motor Company is unable to offer assistance at this time.

If you intend to pursue a claim or lawsuit against Ford Motor Company in the future you must preserve the evidence. Inspecting the vehicle does not waive preservation of evidence.

Should litigation ensue from this informal claim, please be advised that all necessary steps must be taken to ensure that the subject vehicle and all of its component parts are maintained and preserved for trial. Ford Motor Company has the right to inspect the vehicle and remove and test any component part that you claim to be defective, and to be presented with the vehicle and the subject component part(s) at the time of trial.

Thank you for the opportunity to review this concern.

Respectfully yours,

Copy
Alma Taylor
Claims Analyst

Report# : 8HKAL134 NHL **Received:** 08/11/2008
CCRG/EPRC: **Reviewed Status:** **Date:**
Vehicle: 2009,ESCAPE **Build Date:** 07/10/2008
 4X4,LIMITED,MPV ,1FMCU94G09K [REDACTED] **Calibration:**
Odometer : 260 M **Engine:** 3.0L IVCT
Transmission: 6SP 6F MID **Axle:** 3800F2.73C **A/C:** YES
Dealer: USA 02741 Pat Milliken Ford, Inc. **Phone#:** [REDACTED]
City: Redford Twp **State:** Michigan **Country :** USA
Originator: PAT LYONS
Symptom: 6 12 5 00 DRVABL,SURGE,ACCELERATION,OTHER-CODE NA
Status:
VFG: V52 DRIVEABILITY
Additional Symptom: SUDDEN ACCEL
Fix: **Causal Component :**
Condition Code:

Hotliner: ESMIT217 **Phone:** [REDACTED] **Regn Cd:** G2 Detroit
Engineering: **Phone:** **TAR:**
Dir Contact: PAT LYONS **Phone:** [REDACTED] **Title Cde:** SD

KOEO:
KOEC:
KOER:

REPAIR 08/11/2008 03:46PM ELMER SMITH MSS - FCSD - TECH SVC HOTLINE
 WEB FORM DATA - CONCERN; CUSTOMER ALLEGES VEHICLE WILL ACCELERATE OR
 SURGE ON ITS OWN DIAGNOSTICS: PERFORM SELF TEST - PASS CODES IGNITION
 SYSTEM DIAGNOSIS AND INSPECT FOR MISS-FIRE FUEL PUMP PRESSURE AND
 LEAKDOWN TEST ROAD TEST AND INSPECT WITH MEMBER OF SERVICE MANAGEMENT
 UNABLE TO VERIFY OR DUPLICATE CONCERN. TECH QUESTION: ANY KNOWN
 CONCERNS FOR UNINTENDED ACCELERATION,VEHICLE INVOLVED IN FRONT END
 COLLISION,CUSTOMER ALLEGES VEHICLE CAUSED ACCIDENT.

RECOMM 08/11/2008 03:46PM ELMER SMITH MSS - FCSD - TECH SVC HOTLINE
 PATRICK, THERE IS NO KNOWN CONCERNS PLEASE HAVE THE SERVICE MANAGER
 FAX OR EMAIL THE DEALER REQUEST FOR CONSUMER AFFAIRS REVIEW FORM. THIS
 FORM IS LOCATED AT FMCDEALER.COM (SEARCH: CONSUMERS AFFAIRS, TO BRING
 UP THE FORM) OR IN THE WARRANTY & POLICY MANUAL.



8/12/2008

Requester: ATAYLO29
Report Summary
Server: ECCWS413

Ford Proprietary, Private

12-Aug-2008
Retention: None



8/12/2008

From: [REDACTED]
Sent: Thursday, August 14, 2008 6:10 PM
To: [REDACTED]
Subject: Dealer Request For Consumer Affairs Review

Info report

Dealer Request For Consumer Affairs Review - All Regions

Dealership Name: PAT MILLIKEN FORD
Requesting Dealer: PAT MILLIKEN FORD
Contact Person: PAT LYONS
Telephone: [REDACTED]
Email Address: [REDACTED]
PA Code: 02741
Region: DETROIT
City: REDFORD
Dealer State: MI
Fax Number: [REDACTED]
WSD: 07/24/2008
Vehicle Year: 2009
Vehicle Model: ESCAPE
Vehicle VIN: 1FMCU94G09K [REDACTED]
Mileage: 265
Customer Name: [REDACTED]
Street Address: [REDACTED]
City: WALLED LAKE
State: Michigan
Zip Code: [REDACTED]
Home Phone: [REDACTED]
Work Phone: [REDACTED]
Customer Region: G2 - Detroit
Incident Involves: Accident
Date of Incident: 07/29/2008
County in which incident occurred: UNKNOWN
Is Alleging Defect: Yes
Alleging defect detail: CUSTOMER ALLEGES UNINTENDED ACCELERATION
Police Report Filed: No
Insurance Company Contacted: Y
Insurance Company Advice: CUSTOMER AUTHORIZED REPAIRS AND CONTACTED THERE

8/15/2008

INSURANCE COMPANY

Insurance Company Contact Information: NATIONWIDE INSURANCE CHRISTOPHER ROZEWSKI [REDACTED]

Coach Builder: NO

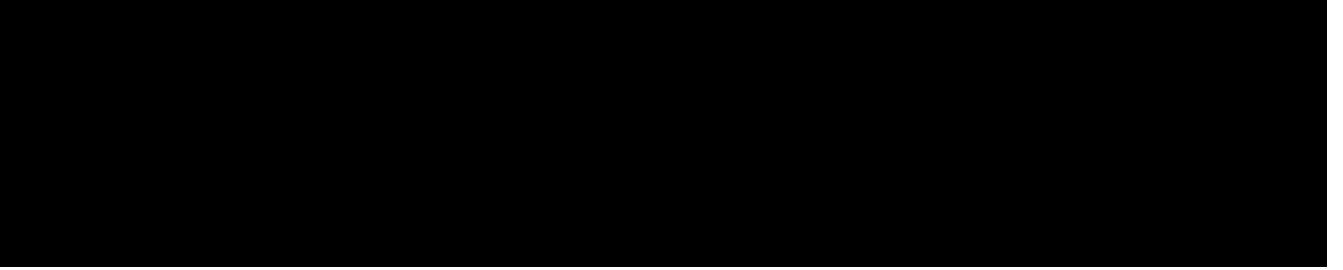
Coach Builder State: AK - Alaska

Resolution Sought Detail: ALLEGES VEHICLE ACCELERATED ON ITS OWN, CAUSING DAMAGE TO THE FRONT END OF THE VEHICLE.

Comments: DEALER INSPECTED VEHICLE ON 08/11/2008 AND COULD NOT DUPLICATE CONCERN. CUSTOMER CAME TO PICK UP VEHICLE, COLLISION CENTER MANAGER STARTED VEHICLE UP TO PULL UP FOR CUSTOMER, AND VEHICLE ACCELERATED ON ITS OWN. DEALERSHIP NOW HAS VEHICLE IN SERVICE ON 08/14/2008, AND CANNOT DUPLICATE. SERVICE DIRECTOR CONTACTED FCSD FSE IN REGARDS TO CONCERN, AND HE WILL STOP BY DEALER TO EVALUATE ON 08/15. WILL REPORT BACK WITH ANY FURTHER FINDINGS AFTER INSPECTION FROM FSE.

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8/15/2008



From: [REDACTED]
Sent: Tuesday, August 04, 2009 3:46 PM
To: [REDACTED]
Subject: Dealer/Fleet Request For OGC Review

Dealer/Fleet Request For OGC Review

Dealership/Fleet Name: TED GREEN FORD, INC
Requesting Dealer/Fleet: TED GREEN FORD, INC
Contact Person: JOANNE GREEN MILLS
Title: GENERAL MANAGER
Address: [REDACTED] STOCKBRIDGE, VT [REDACTED]
Telephone: [REDACTED]
Email Address: [REDACTED]
PA Code: 09056
Region: BOSTON
City: STOCKBRIDGE
Dealer State: VT
Fax Number: [REDACTED]
WSD: April 29, 2009
Vehicle Year: 2009

8/17/2009

Vehicle Model: ESCAPE
Vehicle VIN: 1FMCU93G99K [REDACTED]
Mileage: 3939
Customer/Fleet Name: [REDACTED]
Street Address: [REDACTED]
City: GRANVILLE
State: Vermont
Zip Code: [REDACTED]
Home Phone: [REDACTED]
Work Phone: [REDACTED]
Customer Region: A1 - Select Dealer
Incident Involves: Accident
Date of Incident: 08/02/2009
County in which incident occurred: ADDISON

Is Alleging Defect: Yes

Alleging defect detail: On August 2, 2009, approx 10:30 am, customer got into her Escape, put her brake on and started it. when she put the vehicle in reverse, prior to stepping on the excellerator, the vehicle surged backwards with immense power. She had to shut the vehicle off to stop it. The brake did not stop it. This vehicle slammed into the vehicle behind it and actually pushed it, prior to getting the key in the off position. Approx, a week before, on July 23rd, '09, as she was pulling onto the road in front of her home, the vehicle surged and she had alot of trouble getting it to stop. This was also in the morning. The temperature out was chilly. She felt that it was an isolated situation.

Police Report Filed: No

Insurance Company Contacted: Y

Insurance Company Advice: the insurance company has inspected the '09 Escape and has determined that it needs \$1616.07 of repairs. This does not include any supplemental needs that may arise while repairing it. The Insurance company will not give permission to have vehicle repaired until Ford Motor Company determines the nature of the accident and if it was a FMCC liability.

Insurance Company Contact Information: Company: Travelers # [REDACTED] Agent: Bethany Stone

Coach Builder State: AK - Alaska

Vehicle Location: Ted Green Ford, Inc. [REDACTED] Stockbridge, VT [REDACTED]

Attorney Information: none

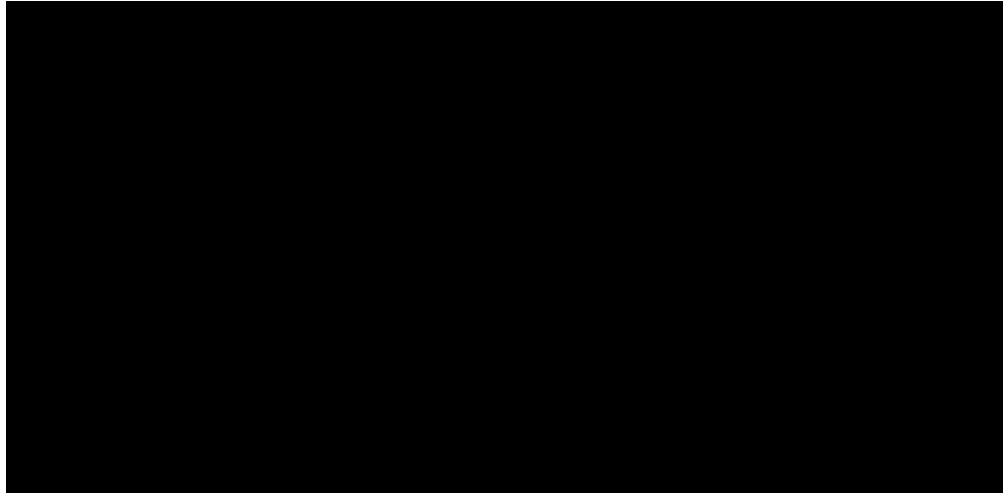
CVO Contact: none

Resolution Sought Detail: Customer would like to have her vehicle fixed. she would also like to have the vehicle fixed that her vehicle hit and pushed.

Comments: This customer is a very loyal customer who has been purchasing vehicles from our dealership for over 30 years. She needs to have her vehicle fixed so she can go back to work. Customer lives in a very rural area without any public transportation and needs her vehicle as soon as possible.

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8/17/2009





Office of the General Counsel

PRIVILEGED & CONFIDENTIAL
Ford Motor Company
Claims Department
P.O. Box 70
Dearborn, Michigan 48121-0070

February 16, 2009

[REDACTED]
Colorado Springs, CO [REDACTED]

Re: Vehicle: 2009 Fusion
VIN: 3FAHP07139R [REDACTED]
DOL: 2-06-2009

Dear [REDACTED]

Recently the Office of the General Counsel of Ford Motor Company was made aware of your recent contact with Phil Long Ford in regards to the above captioned loss. We thank you for the opportunity to address this concern in a timely manner.

If you have turned any portion of this matter over to your insurance company, please have your insurance company contact us in writing to the address noted above, or the fax number given below, notifying us of their intent to pursue subrogation.

If you would like to submit a claim directly with Ford Motor Company, please contact us in writing to the address noted above, or the fax number given below, notifying us of your intent to pursue a claim.

Please be advised that all necessary steps must be taken to ensure that the fire/accident scene, the subject vehicle and all of its component parts are maintained and preserved. Ford Motor Company has the right to inspect the fire/accident scene, the vehicle and remove and test any component part that you claim to be defective, and to be presented with the vehicle and the subject component part(s) at the time of trial, should litigation ensue from this informal claim.

If you propose to repair the vehicle for continued usage, such repairs may not be performed until after Ford Motor Company has inspected the vehicle and removed and tested any component part you claim to be defective or advised you in writing that it does not intend to perform such inspection and/or testing at this time. But even in that event, Ford Motor Company will insist that all components claimed to be defective are maintained and preserved for trial.

Sincerely,

Copy
Alma Taylor
Claims Analyst
Fax (888) 683-9898

Database information for this customer is incomplete.
Please press Update Customer Link to Verify/Correct customer information

[REDACTED]

COLORADO SPRIN CO [REDACTED]

Ford Confidential

[REDACTED]

2/16/2009

VEHICLE DETAIL

VIN: 3FAHP07139R [REDACTED] Engine: 3.0L DOHC EFI NA V6 GAS
Make: FORD Transmission: 6 SPD AUTO TRANS AISIN F21 A
Model: FUSION Paint Code/Color: TUXEDO BLACK METALLIC
Year: 2009 Calibration: 8DE1F60A
Pay Load: Max Towing Weight:
GVWR: 04422 Axle Ratio:
WheelBase: Y B Warranty Start Date: 10/21/2008
GCWR: Vehicle Build Date: 8/18/2008
PEP Code: 130A

Selling Dealers Name:
Selling Dealers P & A Code: Selling Dealers Sales Code: F9E902
Selling Dealers Main Phone: -- Selling Dealers Service Phone: --



Ford Confidential



2/25/2009

OASIS RESULT:

3FAHP07139R [REDACTED]

02/25/2009
07:25:31
FCXWS447

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▶ VEHICLE INFORMATION

VEHICLE DESCRIPTION

2009 FUSION

BODY STYLE

SE

ENGINE

3.0L DURATEC-VE(VE6)

TRANSMISSION

6 SPEED AUTO AISIN

AXLE CODE

34

ENGINE CALIBRATION

8DE1F60A

▶ WARNING MESSAGES

CUDL - THIS VEHICLE HAS AN OPEN CUDL LEGAL CONTACT

▶ ARN MESSAGES

▶ GENERAL WARRANTY INFORMATION

WARRANTY START DATE

10/21/2008

BUILD DATE

08/18/2008

SALE MILEAGE

▶ OUTSTANDING FIELD SERVICE ACTIONS

NO CAMPAIGN MESSAGE(S) FOUND

▶ EXTENDED COVERAGES

NO ESP INFORMATION AVAILABLE

▶ WARRANTY REPAIR HISTORY

NO RECENT REPAIR HISTORY ON VEHICLE

[Click Here for Full Warranty History](#)

END OF OASIS REPORT FOR 3FAHP07139R [REDACTED]

Report Applies to Country Code: USA

Can't find VIN Code =

Standard Claims List For Model Year 2009

Detailed Vehicle Specification

VIN	VEH LINE	MKT DERIV	BODY CAB	VER SERIES	DRIVE TYPE	PLT CD	TRS CD	ENG CD	PROD DATE	WARR DATE	SELLING DEALER	SELL CNT	TIS	WCC	CPSC_6	PREF	BASE	SUFF	CCC	CD	DIST (Miles)
-----	-------------	--------------	-------------	---------------	---------------	-----------	-----------	-----------	--------------	--------------	-------------------	-------------	-----	-----	--------	------	------	------	-----	----	-----------------



2/25/2009

From: [REDACTED]
Sent: Friday, February 13, 2009 1:27 PM
To: [REDACTED]
Subject: Dealer Request For Consumer Affairs Review

Dealer Request For Consumer Affairs Review - All Regions

Dealership Name: PHIL LONG FORD LLC
Requesting Dealer: PHIL LONG FORD LLC
Contact Person: BOB RAJALA
Telephone: [REDACTED]
Email: [REDACTED]
PA Code: 05140
Region: DENVER
City: COLORADO SPRINGS
Dealer State: CO
Fax Number: 7195757822
WSD: 10/21/2008
Vehicle Year: 2009
Vehicle Model: FUSION
Vehicle VIN: 3FAHP07139R [REDACTED]
Mileage: 3722
Customer Name: [REDACTED]
Street Address: [REDACTED]
City: COLORADO SPRINGS
State: Colorado
Zip Code: [REDACTED]
Home Phone: [REDACTED]
Work Phone: [REDACTED]
Customer Region: W4 - Denver
Incident Involves: Accident
Date of Incident: 02/06/2009
County in which incident occurred: UNITED STATES
Is Alleging Defect: Yes
Alleging defect detail: SHE IS WAS AT A 4 WAY STOP WAITING FOR HER TURN AND CUSTOMER GAVE VEHICLE GAS AND PEDAL STUCK TO AVOID HITTING CAR IN FRONT OF HER AND HIT CURB
Police Report Filed: No

2/16/2009

Insurance Company Contacted: Y

Insurance Company Advice: JUST WROTE EST AND HAVE REPAIRED. THE CLAIMS ADJUSTER ALSO DROVE CUSTOMER CAR AND DID NOT FIND A PROBLEM. THE ADJUSTER NOTICED LIKE US THAT THE FLOOR MAT IS IN UPSIDE DOWN WHICH IS NOT THE PROPER INSTALLATION. ADJUSTER FELT THIS COULD BE PROBLEM.

Insurance Company Contact Information: USAA TEDDY SPURLOCK [REDACTED]

Coach Builder State: AK - Alaska

Resolution Sought Detail: WE CHECKED VEHICLE OVER AND COULD NOT FIND ANY PROBLEMS. WE CALLED CUSTOMER AND ASKED THEM ABOUT FLOOR MAT AND THEY TOLD MY ADVISOR THAT THE GAS PEDAL HAS DONE THIS BEFORE THAT SHE HAS JUST TURNED OVER.

Comments: CUSTOMER IS 8 MONTHS WITH CHILD CUSTOMER IS ALSO IN A TAP RENTAL BECAUSE OF THE CONCERN SHE IS AFFRAID OF DRIVING HER CAR. WE NEED TO RESOVLE AS SOON AS POSSIBLE.

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2/16/2009

DP12-006

FORD

12/14/2012

Appendix E - Accidents Injuries

Crash/Injury Incident Claims

MY	MODEL	VIN	Report Date	Mileage	Cat	Source	Inquiry	Alleged Accident	Alleged Fire	Alleged Injury	Alleged Fatality
2009	Escape	1FMCU92759K	10-Nov-09	10,055	D2	OGC	DP12-006	Y	N	1	
2009	Escape	1FMCU92759K	21-Apr-10	20,692	D1	OGC	DP12-006	Y	N		
2009	Escape	1FMCU03729K	25-Jul-10	26,000	D2	OGC	DP12-006	Y	N	1	
2009	Escape	1FMCU49309K	02-Aug-10	9,000	D2	OGC	DP12-006	Y	N	2	
2009	Escape	1FMCU03709K	18-Oct-11	30,087	D2	OGC	DP12-006	Y	N	1	
2009	Escape	1FMCU03779K	27-Jul-12	28,961	D2	OGC	DP12-006	Y	N	1	
2009	Escape	1FMCU03G59K	10-Aug-12	80,000	D2	OGC	DP12-006	Y	N	1	
2009	Escape HEV	1FMCU49389K	24-May-11		D2	OGC	DP12-006	Y	N	1	
2009	Escape HEV	1FMCU49339K	22-Aug-11	25,335	D2	OGC	DP12-006	Y	N	1	
2009	ESCAPE HYBRID HEV 4X2 4-DR	1FMCU49329K	30-Nov-11	100,000	D2	MORS III	DP12-006	Y	N	0	
2009	ESCAPE LIMITED 4X2 4-DR	1FMCU04G79K	09-Nov-10	31,000	D1	MORS III	DP12-006	Y	N	0	
2010	Escape	1FMCU0D70AK	18-Nov-10	9,372	D2	OGC	DP12-006	Y	N	1	
2010	Escape	1FMCU9D75AK	02-Aug-11	9,600	D2	OGC	DP12-006	Y	N	1	
2010	Escape	1FMCU0DG2AK	09-Sep-11	8,627	D2	OGC	DP12-006	Y	N	1	
2010	Escape	1FMCU9D7XAK	17-Oct-11	7,080	D2	OGC	DP12-006	Y	N	1	
2010	Escape	1FMCU0C73AK	20-Oct-11	12,490	D2	OGC	DP12-006	Y	N	1	
2010	Escape HEV	1FMCU4K35AK	05-Jan-10	1,052	D2	OGC	DP12-006	Y	N	1	
2010	Escape HEV	1FMCU5K39AK	03-Nov-10	35,173	D2	OGC	DP12-006	Y	N	1	
MY	MODEL	VIN	Report Date	Mileage	Cat	Source	Inquiry	Alleged Accident	Alleged Fire	Alleged Injury	Alleged Fatality
2010	Fusion	3FAHP0CG7AF	08-Feb-10	3,356	D2	OGC	DP12-006	Y	N	1	
2010	Fusion	3FAHP0HA8AF	20-Feb-10	5,401	D2	OGC	DP12-006	Y	N	1	
2010	Fusion	3FAHP0KC7AF	06-Mar-10	11,015	D2	OGC	DP12-006	Y	N	1	
2010	Fusion	3FAHP0JG5AF	12-Apr-10	4,900	D2	CQIS	DP12-006	Y	N	0	
2010	Fusion	3FAHP0JGXAF	05-May-10	319	D2	OGC	DP12-006	Y	N	1	
2010	Fusion	3FAHP0HA2AF	09-May-10	13,454	D2	OGC	DP12-006	Y	N	1	
2010	Fusion	3FAHP0JA1AF	14-May-10	7,775	D2	OGC	DP12-006	Y	N	2	
2010	Fusion	3FAHP0CG0AF	16-Jun-10	960	D2	OGC	DP12-006	Y	N	1	
2010	Fusion	3FAHP0HA9AF	19-Jun-10	48	D2	OGC	DP12-006	Y	N	1	
2010	Fusion	3FAHP0HA5AF	10-Aug-10	3,000	D2	OGC	DP12-006	Y	N	1	
2010	Fusion	3FAHP0HAXAF	19-Aug-10	4,978	D2	OGC	DP12-006	Y	N	1	
2010	Fusion	3FAHP0HA3AF	20-Aug-10	443	D2	OGC	DP12-006	Y	N	1	
2010	Fusion	3FAHP0JA3AF	28-Aug-10	600	D2	OGC	DP12-006	Y	N	1	
2010	Fusion	3FAHP0HG1AF	09-Sep-10	5,952	D2	OGC	DP12-006	Y	N	1	
2010	Fusion	3FAHP0HA5AF	10-Sep-10	1,374	D2	OGC	DP12-006	Y	N	1	
2010	Fusion	3FAHP0JA5AF	14-Sep-10	23,680	D2	OGC	DP12-006	Y	N	1	
2010	Fusion	3FAHP0HA5AF	23-Jan-11	4,000	D2	OGC	DP12-006	Y	N	1	
2010	Fusion	3FAHP0HA8AF	30-Jan-11	3,107	D2	OGC	DP12-006	Y	N	1	
2010	Fusion	3FAHP0CG7AF	16-Apr-11	24,000	D2	OGC	DP12-006	Y	N	1	
2010	Fusion	3FAHP0HA7AF	03-May-11	33,688	D2	CQIS	DP12-006	Y	N	0	
2010	Fusion	3FAHP0HA9AF	04-May-11	20,156	D2	OGC	DP12-006	Y	N	1	
2010	Fusion	3FAHP0HA5AF	19-May-11	17,697	D2	OGC	DP12-006	Y	N	1	
2010	Fusion	3FAHP0HADAF	09-Jul-11	42,000	A1	OGC	DP12-006	Y	N	1	
2010	Fusion	3FAHP0KC8AF	16-Sep-11	36,160	D2	OGC	DP12-006	Y	N	1	
2010	Fusion	3FAHP0HA9AF	28-Sep-11	26,698	D2	OGC	DP12-006	Y	N	1	
2010	Fusion	3FAHP0HAXAF	01-Oct-11	44,710	D2	OGC	DP12-006	Y	N	1	
2010	Fusion	3FAHP0HA5AF	05-Nov-11	6,407	D2	OGC	DP12-006	Y	N	1	
2010	Fusion	3FAHP0HA4AF	03-Jan-12	19,415	D2	OGC	DP12-006	Y	N	1	
2010	Fusion	3FAHP0HA8AF	07-Jan-12		D2	OGC	DP12-006	Y	N	1	
2010	Fusion	3FAHP0JG2AF	12-May-12	69,324	D2	OGC	DP12-006	Y	N	1	
2010	Fusion	3FAHP0JA3AF	31-May-12	44,000	D2	OGC	DP12-006	Y	N	1	
2010	Fusion	3FAHP0HA0AF	02-Aug-12	20,000	D3	OGC	DP12-006	Y	N	2	
2010	Fusion	3FAHP0HA6AF	03-Aug-12	4,000	D2	OGC	DP12-006	Y	N	1	
2010	Fusion	3FAHP0JA7AF	12-Sep-12	36,000	D2	OGC	DP12-006	Y	N	2	
2010	Fusion	3FAHP0JA9AF	27-Sep-12	17,310	D2	OGC	DP12-006	Y	N	1	
2010	Fusion Hybrid	3FADPOL33AF	06-Dec-10	2,753	D2	OGC	DP12-006	Y	N	1	
2010	Fusion Hybrid	3FADPOL35AF	08-Jun-11	13,738	D2	OGC	DP12-006	Y	N	1	
2010	Fusion Hybrid	3FADPOL39AF	30-Mar-12	19,590	D2	OGC	DP12-006	Y	N	1	
2010	Fusion Hybrid	3FADPOL35AF	27-Aug-12	24,000	D3	OGC	DP12-006	Y	N	1	
2010	Fusion Hybrid	3FADPOL39AF	22-Apr-10	10,000	D2	MORS III	DP12-006	Y	N	0	
2010	Fusion Hybrid	3FADPOL33AF	07-Jun-10	10,000	D2	MORS III	DP12-006	Y	N	0	
2010	Fusion	3FAHP0HA4AF	23-Jun-10	7,200	D3	MORS III	DP12-006	Y	N	0	
2010	Fusion	3FAHP0HG2AF	25-Jun-10	13,000	D3	MORS III	DP12-006	Y	N	0	
2010	Fusion	3FAHP0HAXAF	13-Jul-10	700	D2	MORS III	DP12-006	Y	N	0	
2010	Fusion	3FAHP0HA1AF	13-Oct-10	19,000	D2	MORS III	DP12-006	Y	N	0	
2010	Fusion	3FAHP0HA1AF	23-Nov-10	33,000	D2	MORS III	DP12-006	Y	N	0	
2010	Fusion	3FAHP0HG6AF	14-Jul-11	38,500	A1	MORS III	DP12-006	Y	N	0	
2010	Fusion	3FAHP0HA9AF	19-Mar-12	30,000	D2	MORS III	DP12-006	Y	N	0	
2010	Fusion	3FAHP0HG1AF	29-Aug-12	36,768	D2	MORS III	DP12-006	Y	N	0	
2010	Fusion	3FAHP0JG5AF	30-Mar-10	1,742	D2	MORS III	DP12-006	Y	N	0	
2010	Fusion	3FAHP0JG5AF	01-Jul-12	24,000	D2	MORS III	DP12-006	Y	N	0	
2010	Fusion	3FAHP0JGXAF	09-Jul-12	33,000	D1	MORS III	DP12-006	Y	N	0	
2010	Fusion	3FAHP0KC8AF	19-Mar-12	26,000	D2	MORS III	DP12-006	Y	N	0	
MY	MODEL	VIN	Report Date	Mileage	Cat	Source	Inquiry	Alleged Accident	Alleged Fire	Alleged Injury	Alleged Fatality
2009	Mariner	4M2CU91G39K	02-Nov-10	144,000	D1	MORS III	DP12-006	Y	N	0	
2009	Mariner	4M2CU87G69K	09-Nov-10	16,000	D1	MORS III	DP12-006	Y	N	0	
2010	Mariner	4M2CN8B79AK	22-Sep-10	22,891	D2	CQIS	DP12-006	Y	N	0	
2010	Mariner Hybrid	4M2CN2K36AK	04-Nov-11	16,215	D2	OGC	DP12-006	Y	N	1	
MY	MODEL	VIN	Report Date	Mileage	Cat	Source	Inquiry	Alleged Accident	Alleged Fire	Alleged Injury	Alleged Fatality
2010	Milan	3MEHMOJ00AF	21-Jan-10	3,000	D2	OGC	DP12-006	Y	N	3	
2010	Milan	3MEHMOHA2AF	22-Dec-10	4,400	D2	OGC	DP12-006	Y	N	1	
2010	Milan	3MEHMOJGXAF	02-Dec-11	20,000	D2	OGC	DP12-006	Y	N	1	
2010	Milan	3MEHMOJG4AF	15-Jun-12	35,106	D1	OGC	DP12-006	Y	N	1	

Crash/Injury Incident Claims

2010	Milan	3MEHMOHA8AF	30-Mar-10	3,000	D2	MORS III	DP12-006	Y		0	
2010	Milan	3MEHMOHA5AF	03-Jan-12	1	D2	MORS III	DP12-006	Y		0	
2010	Milan Hybrid	3MEDMOL37AF	05-Sep-10	5,681	D2	OGC	DP12-006	Y	N	1	

DP12-006

FORD

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Appendix G1 - SSMs

Article Number: 20697
Article Type: S
Author: CTUCKER2
Global Concern Number:

Market(s):

Area Code	Geo Sales Area	Date of Activation	Date of Deactivation
NA	***	03/06/2009	03/06/2019
WD	***	03/06/2009	03/06/2019

Title:

VEHICLES WITH P035X (OR P0351 - P0360) DTC CODES

Text:

SOME FORD AND LINCOLN-MERCURY VEHICLES MAY EXHIBIT A P035X CODE. THIS COULD BE CAUSED BY A PARTIALLY CONNECTED IGNITION COIL CONNECTOR, WHICH MAY APPEAR TO BE CONNECTED. PULL ON THE CONNECTOR TO VERIFY IT IS LOCKED. IF PARTIALLY CONNECTED THEN UNPLUG AND RECONNECT. YOU SHOULD HEAR A AUDIBLE CLICK OR SNAP WHEN FULLY CONNECTED. IF THERE ARE NO ISSUES WITH CONNECTION THEN PROCEED WITH NORMAL DIAGNOSTICS.

Vehicles:

2008-2009 CROWN VICTORIA (00015)
 2008-2009 E-SERIES (00016)
 2008-2009 EDGE (00176)
 2008-2009 ESCAPE (00130)
 2008-2009 EXPEDITION (00026)
 2008-2009 EXPLORER (00110)
 2008-2009 EXPLORER 4DR (00134)
 2008-2009 F-SERIES MOTORHOME/COMMERCIAL (00175)
 2008-2009 F-SERIES SUPER DUTY (00028)
 2008-2009 FLEX (00189)
 2008-2009 FOCUS (00122)
 2008-2009 FUSION (00170)
 2008-2009 GRAND MARQUIS (00044)
 2008-2009 MARINER (00163)
 2008-2009 MARK LT (00173)
 2008-2009 MEDIUM TRUCK (00067)
 2008-2009 MILAN (00171)
 2008-2009 MKS (00190)
 2008-2009 MKX (00177)
 2008-2009 MKZ (00179)
 2008-2009 MUSTANG (00071)
 2008-2009 NAVIGATOR (00106)
 2008-2009 RANGER (00081)
 2008-2009 SABLE (00082)
 2008-2009 TAURUS (00117)
 2008-2009 TAURUS X (00185)
 2008-2009 TOWN CAR (00094)

Symptom Code:

600000 DRIVEABILITY
 606000 DRIVE-PERFORMANCE
 608000 DRIVEABILITY RUNS ROUGH
 609000 DRIVEABILITY MISSES
 698298 DRIVEABILITY MALFUNCTION INDICATOR LAMP - MIL

Global Customer Symptom Codes:

Category	Q1	Q2	Q3	Full Code
Driver Aides & Information				2****
Driver Aides & Information	Warning Indicators/Messages/Chimes			227***
Driver Aides & Information	Warning Indicators/Messages/Chimes	AdvanceTrac/Traction		2272**

Driver Aides & Information	Warning Indicators/Messages/Chimes	AdvanceTrac/Traction	Flashes	227230
Driver Aides & Information	Warning Indicators/Messages/Chimes	Brake System Warning Light		2277**
Driver Aides & Information	Warning Indicators/Messages/Chimes	Brake System Warning Light	Flashes	227730
Driver Aides & Information	Warning Indicators/Messages/Chimes	Oil Change		2270**
Driver Aides & Information	Warning Indicators/Messages/Chimes	Oil Change	Flashes	227030
Driver Aides & Information	Warning Indicators/Messages/Chimes	Service Engine Soon (Engine Image)		227Q**
Driver Aides & Information	Warning Indicators/Messages/Chimes	Service Engine Soon (Engine Image)	Flashes	227Q30
Driver Aides & Information	Warning Indicators/Messages/Chimes	Service Engine Soon (Engine Image)	Stays On	227Q68
Start/Run/Move				4*****
Start/Run/Move	Running			441***
Start/Run/Move	Running	Failed Emissions Testing		4411**
Start/Run/Move	Running	Failed Emissions Testing	Catalyst	441194
Start/Run/Move	Running	Failed Emissions Testing	Misfire	441197
Start/Run/Move	Vibration			449***
Start/Run/Move	Vibration	Moving/Driving		4492**
Start/Run/Move	Vibration	Moving/Driving	Intermittent	449239
Driving Performance				5*****
Driving Performance	Runs Rough			550***
Driving Performance	Runs Rough	Acceleration		5502**
Driving Performance	Runs Rough	Acceleration	Intermittent	550239
Driving Performance	Runs Rough	Cruise/ Steady Speed		5503**
Driving Performance	Runs Rough	Cruise/ Steady Speed	Intermittent	550339
Driving Performance	Runs Rough	Deceleration		5504**
Driving Performance	Runs Rough	Deceleration	Intermittent	550439
Driving Performance	Backfires			553***
Driving Performance	Backfires	At Idle		5531**
Driving Performance	Backfires	At Idle	Intermittent	553139
Driving Performance	Lack/Loss of Power			554***
Driving Performance	Lack/Loss of Power	Acceleration		5542**
Driving Performance	Lack/Loss of Power	Acceleration	Intermittent	554239

Article Number: 20897
Article Type: S
Author: JCHACON3
Global Concern Number:

Market(s):

Area Code	Geo Sales Area	Date of Activation	Date of Deactivation
NA	***	07/18/2009	07/17/2013
WD	***	07/18/2009	07/17/2013

Title:

2009 ESCAPE/MARINER, ESCAPE/MARINER HEV, AND 2010 FUSION/MILAN, FUSION/MILAN HYBRIDS BUILT BEFORE 06/15/09 - DIAGNOSTIC TROUBLE CODES

Text:

SOME 2009 ESCAPE/MARINER/HYBRID AND 2010 FUSION/MILAN/HYBRID VEHICLES, EXCLUDING THE 3.5L ENGINE, BUILT PRIOR TO 6/15/2009, MAY EXHIBIT A MALFUNCTION INDICATOR LIGHT (MIL) AND/OR LACKS POWER CONDITION WITH DIAGNOSTIC TROUBLE CODES P0122 AND/OR P0222. TO PROPERLY DIAGNOSE THIS CONDITION, PERFORM PC/ED PINPOINT TEST DV DIAGNOSTIC SUBROUTINE, INCLUDING CHECKING THE WIRING HARNESS CONNECTIONS FOR PROPER SEATING. IF THE ROOT CAUSE IS UNDETERMINED, REPLACE THE ELECTRONIC THROTTLE BODY.

Vehicles:

2009-2010 ESCAPE (00130)
 2010 FUSION (00170)
 2009-2010 MARINER (00163)
 2010 MILAN (00171)

Symptom Code:

600000 DRIVEABILITY
 698298 DRIVEABILITY MALFUNCTION INDICATOR LAMP - MIL
 800000 GENERAL-PREDELIVERY RUNNING CHANGES
 804000 PRE-DELIVERY
 P0122
 P0222

Global Customer Symptom Codes:

Category	Q1	Q2	Q3	Full Code
Driver Aides & Information				2*****
Driver Aides & Information	Warning Indicators/Messages/Chimes			227***
Driver Aides & Information	Warning Indicators/Messages/Chimes	Electronic Throttle Control (Wrench Image)		2275**
Driver Aides & Information	Warning Indicators/Messages/Chimes	Electronic Throttle Control (Wrench Image)	Flashes	227530
Driver Aides & Information	Warning Indicators/Messages/Chimes	Electronic Throttle Control (Wrench Image)	Stays On	227568
Driver Aides & Information	Warning Indicators/Messages/Chimes	Service Engine Soon (Engine Image)		227Q**
Driver Aides & Information	Warning Indicators/Messages/Chimes	Service Engine Soon (Engine Image)	Flashes	227Q30
Driver Aides & Information	Warning Indicators/Messages/Chimes	Service Engine Soon (Engine Image)	Stays On	227Q68
Driving Performance				5*****
Driving Performance	Lack/Loss of Power			554***
Driving Performance	Lack/Loss of Power	Acceleration		5542**
Driving Performance	Lack/Loss of Power	Acceleration	Intermittent	554239
Driving Performance	Lack/Loss of Power	Cruise/ Steady Speed		5543**
Driving Performance	Lack/Loss of Power	Cruise/ Steady Speed	Intermittent	554339
Maintenance/ Pre-Delivery				9*****
Maintenance/ Pre-Delivery	Pre-Delivery Check			991***

Article Number: 21235
Article Type: S
Author: JKAHN4
Global Concern Number:

Market(s):

Area Code	Geo Sales Area	Date of Activation	Date of Deactivation
NA	***	02/26/2010	02/25/2020
WD	***	02/26/2010	02/25/2020

Title:

2009-2010 ESCAPE/MARINER - 3.0L ENGINE - HESITATION/SURGE WITH NO DIAGNOSTIC TROUBLE CODES

Text:

SOME 2009-2010 ESCAPE/MARINER VEHICLES EQUIPPED WITH 3.0L GAS ENGINES MAY EXHIBIT A HESITATION/SURGE CONDITION WITH NO MALFUNCTION INDICATOR LAMP (MIL) ILLUMINATED OR DIAGNOSTIC TROUBLE CODE (DTC) STORED IN PCM MEMORY. THIS MAY BE DUE TO THE AIR INDUCTION CRANKCASE VENTILATION TUBE TO AIR CLEANER (ACL) COUPLING, CRANKCASE VENT TUBE, OR AIR CLEANER OUTLET PIPES BEING PARTIALLY OR COMPLETELY DISCONNECTED. PRIOR TO PERFORMING PC/ED DIAGNOSTICS TO ADDRESS DRIVABILITY CONCERNS, CONFIRM THAT ALL AIR INDUCTION HOSES ARE CORRECTLY MOUNTED AND TORQUED TO SPECIFICATION. REFERENCE WORKSHOP MANUAL, SECTION 303-12B-1: INTAKE AIR DISTRIBUTION AND FILTERING FOR TORQUE SPECIFICATIONS AND CORRECT HOSE ROUTING.

Vehicles:

2009-2010 ESCAPE (00130)
 2009-2010 MARINER (00163)

Symptom Code:

600000 DRIVEABILITY
 606000 DRIVE-PERFORMANCE
 611000 DRIVEABILITY HESITATION/STUMBLE
 612000 DRIVEABILITY SURGE

Global Customer Symptom Codes:

Category	Q1	Q2	Q3	Full Code
Driving Performance				5*****
Driving Performance	Hesitates/Stumble			557***
Driving Performance	Hesitates/Stumble	Acceleration		5572**
Driving Performance	Hesitates/Stumble	Acceleration	Always	557202
Driving Performance	Hesitates/Stumble	Acceleration	Intermittent	557239
Driving Performance	Engine Surge			558***
Driving Performance	Engine Surge	Acceleration		5582**
Driving Performance	Engine Surge	Acceleration	Always	558202
Driving Performance	Engine Surge	Acceleration	Intermittent	558239

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Appendix G1 - TSBs

**MALFUNCTION INDICATOR LAMP (MIL) ON WITH
DIAGNOSTIC TROUBLE CODE (DTC) P2135—BUILT
BETWEEN 6/22/2009—10/15/2009**

TSB 09-23-5

FORD:

2010 Fusion
2009-2010 Escape

MERCURY:

2010 Milan
2009-2010 Mariner

ISSUE

Some 2009-2010 Escape, Mariner, Escape Hybrid, Mariner Hybrid, 2010 Fusion, Milan, Fusion Hybrid, and Milan Hybrid vehicles, built on or between 6/22/2009 - 10/15/2009, may exhibit a malfunction indicator lamp (MIL) or wrench light with diagnostic trouble code (DTC) P2135. DTCs P2111 and/or P0122 may also be present. Drivability symptoms may include intermittent rough idle, idle speed below specification and/or reduced power. This concern may be attributed to Electronic Throttle Body (ETB) hardware. If the vehicle only exhibits DTCs P2111 or P0122 follow normal Powertrain Controls/Emissions Diagnosis (PC/ED) pinpoint test (PPT) diagnostics.

ACTION

Follow the Service Procedure steps to correct the condition.

SERVICE PROCEDURE

1. Check for DTCs and confirm vehicle build date. Is DTC P2135 present and vehicle built on or between 6/22/2009-10/15/2009?
 - a. Yes - proceed to Step 2.
 - b. No - Procedure does not apply. Refer to PC/ED PPT DV for appropriate diagnostic routines.
2. Replace the ETB per the Workshop Manual (WSM), Section 303-04.

PART NUMBER	PART NAME
9L8Z-9E926-A	Electronic Throttle Body

WARRANTY STATUS: Eligible Under Provisions Of New Vehicle Limited Warranty Coverage And Emissions Warranty Coverage
IMPORTANT: Warranty coverage limits/policies are not altered by a TSB. Warranty coverage limits are determined by the identified causal part.

OPERATION	DESCRIPTION	TIME
092305A	2009-2010 Escape, Escape Hybrid, Mariner, Mariner Hybrid: Replace The ETB, Includes Time To Check And Clear Codes (Do Not Use With Any Other Operations)	0.6 Hr.
092305A	2010 Fusion, Fusion Hybrid, Milan, Milan Hybrid 2.5L Engine: Replace The ETB, Includes Time To Check And Clear Codes (Do Not Use With Any Other Operations)	0.6 Hr.
092305A	2010 Fusion, Milan 3.0L Engine: Replace The ETB, Includes Time To Check And Clear Codes (Do Not Use With Any Other Operations)	0.8 Hr.

DEALER CODING

BASIC PART NO.
9E926

CONDITION
CODE
42

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. Warranty Policy and Extended Service Plan documentation determine Warranty and/or Extended Service Plan coverage unless stated otherwise in the TSB article. The information in this Technical Service Bulletin (TSB) was current at the time of printing. Ford Motor Company reserves the right to supersede this information with updates. The most recent information is available through Ford Motor Company's on-line technical resources.

**MALFUNCTION INDICATOR LAMP (MIL) WITH
DIAGNOSTIC TROUBLE CODES (DTCs) P1285,
P1299, P0128, P0301, P0302, P0303, P0304, P0316**

TSB 11-10-5

FORD:

2010-2012 Fusion, Escape, Transit Connect

MERCURY:

2010-2011 Milan, Mariner

LINCOLN:

2011-2012 MKZ

This article supersedes TSB 11-8-17 to update the vehicle model years and Issue Statement.

ISSUE

Some 2010-2012 Transit Connect vehicles equipped with 2.0L engine, 2010-2012 Fusion, Escape and 2010-2011 Milan, Mariner vehicles, equipped with a 2.5L engine or 2.5L Atkinson engine and 2011-2012 MKZ vehicles equipped with a 2.5L Atkinson engine may exhibit a MIL on with DTC(s) P1285, P1299 and/or P0128. Engine temperature may be cold and report as hot or be hot and report as cold. Engine cooling fan operation may also be affected by the incorrect cylinder head temperature (CHT) sensor reading - turning on or off at inappropriate times. These vehicles may also exhibit rough run, lack of power, MIL on with DTCs P0300, P0301, P0302, P0303, P0304, and/or P0316.

ACTION

Refer to service procedure to correct the condition.

SERVICE PROCEDURE

Engine temperature concerns may be due to corrosion at connector C1164.

1. Inspect the cam cover trough, making sure it is clear of debris like leaves, wasps, dirt and the drain hole by cylinder 4 is open.
2. Inspect connector C1164 at CHT sensor for evidence of water contamination.
 - a. If evidence of water contamination is present, proceed to Step 3.

- b. If water contamination is not evident, do not continue with this procedure. Refer to Powertrain Controls/Emissions Diagnosis (PC/ED) Manual, pinpoint test DL1 for normal diagnostics.

3. If corrosion from water contamination is severe and terminals are rusted and disintegrated: (Figure 1)



Figure 1 - Article 11-10-5

- a. Cut off connector C1164 and install a new pigtail connector. Refer to instruction sheet.
 - b. Replace the CHT sensor. Refer to Workshop Manual (WSM), Section 303-14. Proceed to Step 4.
4. If corrosion is not severe, remove any water and thoroughly clean connector C1164 and the CHT sensor.
 5. Before reattaching the CHT sensor cover to the cam cover, clean the cam cover and CHT sensor cover with Motorcraft® Metal Brake Parts Cleaner.

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 or Lincoln dealership to determine whether the Bulletin applies to your vehicle. Warranty Policy and Extended Service Plan documentation determine Warranty and/or Extended Service Plan coverage unless stated otherwise in the TSB article. The information in this Technical Service Bulletin (TSB) was current at the time of printing. Ford Motor Company reserves the right to supersede this information with updates. The most recent information is available through Ford Motor Company's on-line technical resources.

TSB 11-10-5 (Continued)

6. Attach the CHT sensor cover to the cam cover and add Motorcraft® Silicone Gasket and Sealant around the CHT sensor cover, to seal and prevent water entry.

Driveability concerns may be due to water entry into the spark plug wells, affecting ignition coil-on-plug(s) performance.

1. Inspect the cam cover trough, making sure it is clear of debris like leaves, wasps, dirt and the drain hole by cylinder 4 is open.
2. Remove the ignition coil-on-plugs and check for water in the spark plug wells.
 - a. If evidence of water contamination is present, proceed to Step 3.
 - b. If water contamination is not present, do not continue with this article. Refer to PC/ED Manual, pinpoint test DL1 for normal diagnostics.
3. Dry out the spark plug well(s).
4. Replace the affected ignition coil-on-plug(s), refer to WSM, Section 303-07 - Engine Ignition.
 - a. Be sure to center the ignition coil-on-plug in the bore. When tightening the last mounting fastener, the coil might become pressed to one side, biasing the seal to one side of the spark plug well, over the other.
 - b. Do not use RTV silicone sealant or dielectric grease on the boot. The spark plug boot-to-spark plug well seal is designed to breath through the molded notches in the rubber boot, to allow gases to pass freely in and out of the spark plug bore.

PART NUMBER	PART NAME
3U2Z-14S411-MDB	Pigtail Connector Kit
8S4Z-6G004-A	CHT Sensor
4M5Z-12029-B	Coil-On-Plug Asy
TA-30	Motorcraft® Silicone Gasket and Sealant
PM-4A	Motorcraft® Metal Brake Parts Cleaner

WARRANTY STATUS: Eligible Under Provisions Of New Vehicle Limited Warranty Coverage And Emissions Warranty Coverage
IMPORTANT: Warranty coverage limits/policies are not altered by a TSB. Warranty coverage limits are determined by the identified causal part.

OPERATION	DESCRIPTION	TIME
111005A	Check DTCs, Inspect And Replace CHT Connector, And CHT Sensor	0.6 Hr.
111005B	Check DTCs, Inspect And Clean CHT Connector, And CHT Sensor	0.4 Hr.
111005C	Check DTCs, Inspect, Remove Coil-On-Plugs, Dry Out Spark Plug Wells, Replace Coil-On-Plug As Necessary	0.5 Hr.

DEALER CODING

BASIC PART NO.	CONDITION CODE
6G004	30

HYBRID—POSSIBLE MISDIAGNOSIS OF START/STALL WITH OR WITHOUT DTCS P0A7D, P1A0C

TSB 11-11-8

FORD:

2010-2012 Fusion
2005-2007 Escape Hybrid
2008 Escape
2009-2012 Escape

LINCOLN:

2011-2012 MKZ

MERCURY:

2010-2011 Milan
2006-2007 Mariner Hybrid
2008 Mariner
2009-2011 Mariner

ISSUE

Some 2005-2012 Escape, Mariner Hybrid, 2010-2012 Fusion, Milan and MKZ Hybrid vehicles may exhibit a concern where the engine stalls soon after starting. This may actually be a crank/no-start condition being misdiagnosed due to the unique design characteristics of the Hybrid powertrain system. DTC P0A7D (battery pack state of charge low) and/or P1A0C (engine disabled) may be present.

ACTION

Follow the Service Procedure steps to correct the condition.

SERVICE PROCEDURE

- Conventional gasoline engines use an externally mounted starter motor which can easily be heard when starting the engine.
- The Hybrid powertrain has no external starter motor, and instead utilizes the motor/generator contained within the eCVT transaxle for this function. The motor/generator is almost silent in operation.

- This higher rotational speed along with the lack of audible starter motor noise may be mistaken for the engine actually having been successfully started then stalling. A conventional externally mounted starter motor rotates the engine at 200-250 RPM when starting the engine. The Hybrid eCVT motor/generator rotates the engine at 900-1,200 RPM for up to 30 seconds when starting.
- If the perceived stall occurs with a cold engine within 30 seconds or less after starting is initiated, the engine is most likely in a crank/no start mode and is not a start/stall.
- Inadvertently following the Powertrain Control/Emissions Diagnostic (PC/ED) Manual, Section 3 symptom chart for a stall/quit at idle instead of no start/normal crank may eventually discharge the high voltage traction battery, resulting in DTC P0A7D and/or P1A0C. This may lead to the possible replacement of the high voltage traction battery.

WARRANTY STATUS: Information Only

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 or Lincoln dealership to determine whether the Bulletin applies to your vehicle. Warranty Policy and Extended Service Plan documentation determine Warranty and/or Extended Service Plan coverage unless stated otherwise in the TSB article. The information in this Technical Service Bulletin (TSB) was current at the time of printing. Ford Motor Company reserves the right to supersede this information with updates. The most recent information is available through Ford Motor Company's on-line technical resources.

DP12-006

FORD

12/14/2012

Appendix G2 - ISMs

GCQIS Report Entry/Maintenance

GCQIS Technical Service Detail


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ArticleType : ISM **ArticleNumber :** 08-09-029 **Entered Date :** 09/29/2008 **Times Recommended :** 0

Date is displayed in **MM/DD/CCYY** format

**** SUPERSEDED BY SSM 20478 ** :**

SOME VEHICLES MAY EXHIBIT A MIL AND/OR WRENCH LIGHT ON WITH P2135. DIAGNOSTICS HAVE BEEN ENHANCED IN THE PC/ED (POWERTRAIN CONTROL/EMISSIONS DIAGNOSTICS MANUAL). DIAGNOSTICS INCLUDE ADDITIONAL TESTING PROCEDURES FOR INTEMITTENT CONCERNS WITH THE TP SENSOR, CIRCUITS, AND CONNECTIONS. REFER TO PINPOINT TEST DV FOR DETAILS.

AUTHOR: RMAILLO8 

Requester:
Technical Service Detail
Server: FCWS686

Ford Proprietary, Private

10-Dec-2012
Retention: None

GCQIS Report Entry/Maintenance

GCQIS Technical Service Detail

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ArticleType : ISM **ArticleNumber :** 09-04-008 **Entered Date :** 04/08/2009 **Times Recommended :** 82

Date is displayed in **MM/DD/CCYY** format

MISS/BUCK/JERK CONCERN ON ACCEL - EGR EQUIPPED VEHICLES ONLY - ISSUE RESOLVED WITH EGR DISABLED :

SOME EGR EQUIPPED VEHICLES MAY EXHIBIT A MISFIRE, BUCK, OR JERK CONCERN ON SLIGHT ACCELERATION THAT IS GONE WITH EGR DISCONNECTED OR BLOCKED OFF. THIS MAY BE DUE TO A CONCERN WITH THE SPARK PLUGS, WIRES, COIL PACK, OR COP. AFTER BASIC CHECKS SUCH AS: UNCOMMANDED EGR FLOW, EXHAUST BACK PRESSURE, LEAN/RICH CONTRIBUTORS, PLEASE ADVISE THE TECHNICIAN TO INSPECT AND REPLACE THE SPARK PLUGS AS NECESSARY SINCE EGR FLOW REQUIRES GREATER SECONDARY KV TO FIRE A PLUG.

AUTHOR: JLEIFER [REDACTED]

Requester:

Technical Service Detail

Server: FCWS686**Ford Proprietary, Private**

10-Dec-2012

Retention: None

GCQIS Report Entry/Maintenance

GCQIS Technical Service Detail

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ArticleType : ISM **ArticleNumber :** 09-11-021 **Entered Date :** 11/24/2009 **Times Recommended :** 36

Date is displayed in **MM/DD/CCYY** format

DTC P025A AND/OR P025B - INTERMITTENT STALL :

SOME 2009-2010 ESCAPE/MARINER VEHICLES BUILT ON OR BEFORE 10/09/2009 MAY EXHIBIT DIAGNOSTIC TROUBLE CODES (DTC) P025A (FUEL PUMP MODULE CONTROL CIRCUIT OPEN) AND/OR P025B (FUEL PUMP MODULE MODULE CIRCUIT RANGE/PERFORMANCE) WITH A POTENTIAL VEHICLE STALL CONDITION USUALLY OCCURRING AT OR NEAR NORMAL OPERATING TEMPERATURE.

A FUEL PUMP MODULE/RELAY SUPPLIER QUALITY ISSUE HAS BEEN IDENTIFIED AND THE PARTS HAVE BEEN UPDATED TO RESOLVE THIS CONCERN. VERIFY THE TECHNICIAN HAS FOLLOWED PINPOINT TEST 'KC' IN THE POWERTRAIN CONTROL/EMISSION DIAGNOSIS (PC/ED). IF CIRCUITS HAVE BEEN TESTED AND VERIFIED, RECOMMEND FUEL PUMP MODULE REPLACEMENT - ORDER SERVICE P/N AA8Z-9345-A.

AUTHOR: JKAHN4 

Requester:

Technical Service Detail

Server: FCWS686

Ford Proprietary, Private

10-Dec-2012

Retention: None

DP12-006

FORD

12/14/2012

Appendix H - ESP Plan Sales

Extended Service Plans

ESP Research:

9F991 Electronic Throttle Body NO ESP Coverage.

9E926 Body Asy – Air Intake Throttle ESP coverage on ExtraCare and PremiumCare only for all Model Years.

Extended Service Plan Sales

			Contract Coverage				
			New 2009 - 2010 MY Escapes				
			Plan Year				
Plan	Time	Mileage	2009	2010	2011	2012	2013
EXTRACARE	3 YEARS	48000	X	X	X	X	X
		60000	X	X	X	X	X
		75000	X	X	X	X	X
		100000	X	X	X	X	X
		125000	X	X	X	X	X
	4 YEARS	48000	X	X	X	X	X
		60000	X	X	X	X	X
		75000	X	X	X	X	X
		100000	X	X	X	X	X
		125000	X	X	X	X	X
	5 YEARS	36000	X	X	X	X	X
		48000	X	X	X	X	X
		60000	X	X	X	X	X
		75000	X	X	X	X	X
		100000	X	X	X	X	X
		125000	X	X	X	X	X
	6 YEARS	36000	X	X	X	X	X
		48000	X	X	X	X	X
		60000	X	X	X	X	X
		75000	X	X	X	X	X
		100000	X	X	X	X	X
125000		X	X	X	X	X	
7 YEARS	36000	X	X	X	X	X	
	48000	X	X	X	X	X	
	60000	X	X	X	X	X	
	75000	X	X	X	X	X	
	100000	X	X	X	X	X	
	125000	X	X	X	X	X	

			Contract Count				
			New 2009 - 2010 MY Escapes				
			Plan Year				
Plan	Time	Mileage	2009	2010	2011	2012	2013
EXTRACARE	3 YEARS	48000	6	4	1	2	0
		60000	3	2	1	0	0
		75000	2	3	2	1	0
		100000	9	15	2	0	0
		125000	0	0	3	0	0
	4 YEARS	48000	9	1	4	4	0
		60000	6	4	10	5	0
		75000	10	13	17	4	0
		100000	68	145	11	4	0
		125000	0	0	3	3	0
	5 YEARS	36000	4	5	2	5	0
		48000	4	8	2	1	1
		60000	120	86	35	23	0
		75000	106	95	59	49	0
		100000	132	190	80	27	0
		125000	0	0	3	2	0
	6 YEARS	36000	4	4	5	8	0
		48000	5	5	3	11	0
		60000	94	68	16	44	0
		75000	201	191	88	76	4
		100000	139	188	91	52	0
125000		0	0	20	3	0	
7 YEARS	36000	4	2	4	1	0	
	48000	13	6	3	6	0	
	60000	44	31	14	19	0	
	75000	301	380	173	23	1	
	100000	132	164	60	53	2	
	125000	0	0	22	11	0	

SUM:
13
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Extended Service Plan Sales

Plan	Time	Mileage	New 2009 - 2010 MY Escapes				
			Plan Year				
			2009	2010	2011	2012	2013
PREMIUMCARE	3 YEARS	48000	X	X	X	X	X
		60000	X	X	X	X	X
		75000	X	X	X	X	X
		100000	X	X	X	X	X
		125000	X	X	X	X	X
	4 YEARS	48000	X	X	X	X	X
		60000	X	X	X	X	X
		75000	X	X	X	X	X
		100000	X	X	X	X	X
		125000	X	X	X	X	X
	5 YEARS	36000	X	X	X	X	X
		48000	X	X	X	X	X
		60000	X	X	X	X	X
		75000	X	X	X	X	X
		100000	X	X	X	X	X
		125000	X	X	X	X	X
	6 YEARS	36000	X	X	X	X	X
		48000	X	X	X	X	X
		60000	X	X	X	X	X
		75000	X	X	X	X	X
		100000	X	X	X	X	X
125000		X	X	X	X	X	
7 YEARS	36000	X	X	X	X	X	
	48000	X	X	X	X	X	
	60000	X	X	X	X	X	
	75000	X	X	X	X	X	
	100000	X	X	X	X	X	
	125000	X	X	X	X	X	

Plan	Time	Mileage	New 2009 - 2010 MY Escapes					
			Plan Year					
			2009	2010	2011	2012	2013	
PREMIUMCARE	3 YEARS	48000	27	44	7	4	1	83
		60000	58	71	12	2	0	143
		75000	38	59	7	4	0	108
		100000	157	236	18	2	0	413
		125000	0	0	1	0	0	1
	4 YEARS	48000	49	66	25	15	4	159
		60000	106	123	41	26	2	298
		75000	126	134	67	37	2	366
		100000	417	556	69	10	1	1053
		125000	0	0	35	3	0	38
	5 YEARS	36000	80	70	16	40	2	208
		48000	151	166	24	68	4	413
		60000	2104	2327	391	255	25	5102
		75000	2493	2460	703	320	17	5993
		100000	2502	2828	507	176	6	6019
		125000	0	0	125	38	0	163
	6 YEARS	36000	208	254	34	82	8	586
		48000	402	406	88	116	12	1024
		60000	3096	3174	521	470	43	7304
		75000	6028	6282	1373	888	59	14630
		100000	2786	3580	1046	622	30	8064
125000		0	0	173	78	1	252	
7 YEARS	36000	243	295	62	125	6	731	
	48000	394	448	103	127	12	1084	
	60000	1021	1185	295	342	31	2874	
	75000	1329	1461	430	411	30	3661	
	100000	1601	2150	866	787	51	5455	
	125000	0	0	185	129	6	320	

Extended Service Plan Sales

			USED 2009 - 2010 MY Escapes				
			Plan Year				
Plan	Time	Mileage	2009	2010	2011	2012	2013
EXTRACARE	1 YEAR	12000	X	X	X	X	X
	2 YEARS	24000	X	X	X	X	X
		36000	X	X	X	X	X
	3 YEARS	24000	X	X	X	X	X
		36000	X	X	X	X	X
		48000	X	X	X	X	X
	4 YEARS	60000	X	X	X	X	X
		36000	X	X	X	X	X
		48000	X	X	X	X	X
	5 YEARS	60000	X	X	X	X	X
		75000	X	X	X	X	X

			USED 2009 - 2010 MY Escapes				
			Plan Year				
Plan	Time	Mileage	2009	2010	2011	2012	2013
EXTRACARE	1 YEAR	12000	0	0	2	10	0
	2 YEARS	24000	0	7	48	124	14
		36000	0	0	0	0	2
	3 YEARS	24000	0	0	0	85	9
		36000	2	47	308	861	86
		48000	0	0	0	146	17
	4 YEARS	60000	0	0	0	0	4
		36000	0	0	0	128	14
		48000	1	87	205	495	48
	5 YEARS	60000	0	0	0	123	11
		48000	0	0	0	0	15
		60000	0	0	162	410	20
		75000	0	0	0	0	7

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			USED 2009 - 2010 MY Escapes				
			Plan Year				
Plan	Time	Mileage	2009	2010	2011	2012	2013
PREMIUMCARE	1 YEAR	12000	X	X	X	X	X
	2 YEARS	24000	X	X	X	X	X
		36000	X	X	X	X	X
	3 YEARS	48000	X	X	X	X	X
		36000	X	X	X	X	X
	4 YEARS	48000	X	X	X	X	X
		60000	X	X	X	X	X
	5 YEARS	48000	X	X	X	X	X
		60000	X	X	X	X	X

			USED 2009 - 2010 MY Escapes				
			Plan Year				
Plan	Time	Mileage	2009	2010	2011	2012	2013
PREMIUMCARE	1 YEAR	12000	0	0	0	2	0
	2 YEARS	24000	0	1	15	64	6
		36000	0	0	0	21	3
	3 YEARS	48000	1	19	105	268	40
		36000	0	0	0	26	1
	4 YEARS	48000	0	0	0	29	2
		60000	0	14	59	111	3
	5 YEARS	60000	0	0	0	13	1
		48000	0	0	0	0	4
		60000	0	0	23	59	5

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86
24
433
27
31
187
14
4
87

Extended Service Plan Sales

			USED 2009 - 2010 MY Escapes				
			Plan Year				
Plan	Time	Mileage	2009	2010	2011	2012	2013
ROYALSHIELD	2 MONTHS	3000	X	X	X	X	X
	3 MONTHS	4000	X	X	X	X	X
	6 MONTHS	6000	X	X	X	X	X
	1 YEAR	12000	X	X	X	X	X

			USED 2009 - 2010 MY Escapes				
			Plan Year				
Plan	Time	Mileage	2009	2010	2011	2012	2013
ROYALSHIELD	2 MONTHS	3000	0	2	2	0	0
	3 MONTHS	4000	0	2	12	80	12
	6 MONTHS	6000	0	0	0	22	3
	1 YEAR	12000	0	0	0	67	8

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75353

DP12-006

FORD

12/14/2012

Appendix I

Non-Conf Illustrations

From: [REDACTED]
Sent: Thursday, August 05, 2010 11:38 AM
To: [REDACTED]
Subject: FW: ETB Information

Sincerely,

[REDACTED]
*PD Supervisor - Component C Current Quality
& Rawsonville Resident Engrg - Engine
(Components = Air Metering, Fuel Metering, Ignition, ESMs)
Ford Motor Company - Bldg #1*

[REDACTED]
Attached is an exploded view of the ETB that you use for the 2.5.
I have another presentation that has a lot of information in it and some of it is out of date.
I'm going to take some of the relevant slides out of that and forward to you.

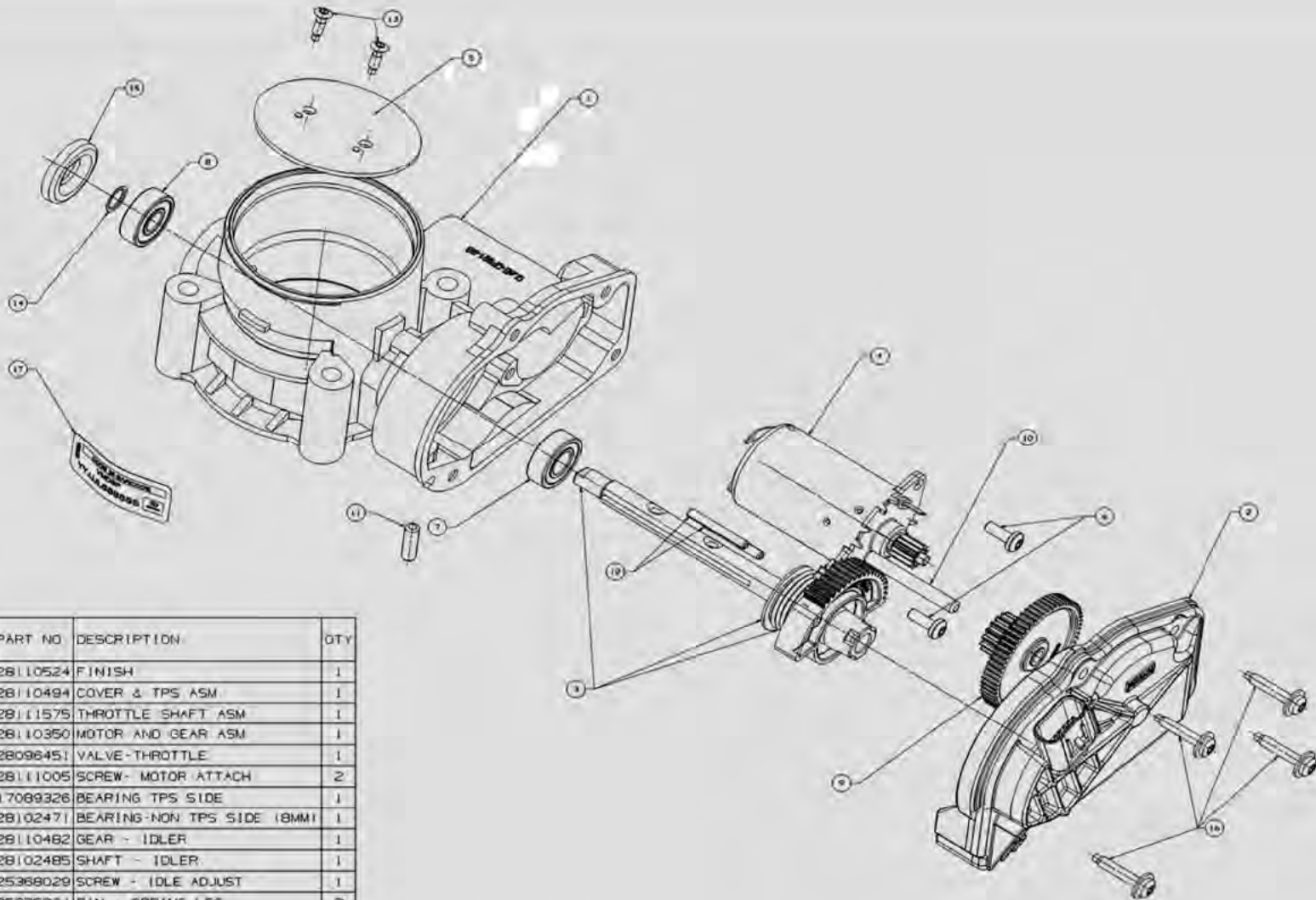
[REDACTED]

From: [REDACTED]
Sent: Thursday, August 05, 2010 10:28 AM
To: [REDACTED]
Subject: RE: ETB Information



[REDACTED]
Here is an exploded view of the 9L8E-9F991-BB. I hope this helps.

[REDACTED]
2012.2.0L GDI/GTDI ETB CPMT Leader
[REDACTED]
Cube 12A099 Bldg 1



ITEM	PART NO	DESCRIPTION	QTY
1	28110524	FINISH	1
2	28110494	COVER & TPS ASM	1
3	28111575	THROTTLE SHAFT ASM	1
4	28110350	MOTOR AND GEAR ASM	1
5	28098451	VALVE - THROTTLE	1
6	28111005	SCREW - MOTOR ATTACH	2
7	17089326	BEARING TPS SIDE	1
8	28102471	BEARING - NON TPS SIDE (8MM)	1
9	28110482	GEAR - IDLER	1
10	28102485	SHAFT - IDLER	1
11	25368029	SCREW - IDLE ADJUST	1
12	25375804	FIN - SPRING LEG	2
13	17090847	SCREW - VALVE ATTACH	2
14	28102486	CLIP - RETAINER	1
15	28102480	PLUG - EXP	1
16	28102507	SCREW - COVER ATTACH	4
17	28120272	LABEL -	1
-	-	-	-
-	-	-	-

13SE07

DP12-006

FORD

12/14/2012

Appendix I

Non-Conf - Field
Communications

From: [REDACTED]
Sent: Friday, November 06, 2009 8:27 AM
To: [REDACTED]
Cc: [REDACTED]
Subject: FW: 087-2009-2122 is ready for just in time collaboration review
Attachments: enUSA_art087-2009-2122.pdf
Importance: High

Team,
Please review, Looks like it's finally going through!!!

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

From: [REDACTED]
Sent: Friday, November 06, 2009 7:45 AM
To: [REDACTED]
Subject: 087-2009-2122 is ready for just in time collaboration review
Importance: High

YOU MUST RESPOND BY CLOSE OF BUSINESS 11/9/2009

Failure to respond by the deadline is considered approval of the article as written.

*** DO NOT REPLY TO THIS NOTE ***

The following Technical Service Bulletin (TSB) is available for viewing at:

[REDACTED]

Concern Tracking Number: 087-2009-2122

Description: Malfunction Indicator Lamp (MIL) On With Diagnostic Trouble Code (DTC) P2135
- Built Between 6/22/2009 - 10/15/2009 .

Vehicles: Escape, Escape Hybrid, Fusion, Mariner, Mariner Hybrid, Milan

Review all articles that pertain to your area of responsibility for accuracy and completeness and select ONE of the following:

1. Approve the article as written
2. Approve the article with edits

Note: If a vehicle line or model year has been excluded from the article select this option and list the vehicle line(s) that should be added.

3. Reject the article with attached reason

If this message should not have been sent to this address please forward it to



**MALFUNCTION INDICATOR LAMP (MIL) ON WITH
DIAGNOSTIC TROUBLE CODE (DTC) P2135—BUILT
BETWEEN 6/22/2009—10/15/2009**

**Concern
Tracking#
087-2009-2122**

FORD:

2010 Fusion
2009 Escape Hybrid, Escape

MERCURY:

2010 Milan
2009 Mariner Hybrid, Mariner

ISSUE

Some 2009-2010 Escape, Mariner, Escape Hybrid, Mariner Hybrid, 2010 Fusion, Milan, Fusion Hybrid, and Milan Hybrid vehicles, built on or between 6/22/2009 - 10/15/2009, may exhibit a malfunction indicator lamp (MIL) or wrench light with diagnostic trouble code (DTC) P2135. DTCs P2111 and/or P0122 may also be present. Drivability symptoms may include intermittent rough idle, idle speed below specification and/or reduced power. This concern may be attributed to Electronic Throttle Body (ETB) hardware. If the vehicle only exhibits DTCs P2111 or P0122 follow normal Powertrain Controls/Emissions Diagnosis (PC/ED) pinpoint test (PPT) diagnostics.

ACTION

Follow the Service Procedure steps to correct the condition.

SERVICE PROCEDURE

1. Check for DTCs and confirm vehicle build date. Is DTC P2135 present and vehicle built on or between 6/22/09-10/15/09?
 - a. Yes - proceed to Step 2.
 - b. No - Procedure does not apply. Refer to PC/ED PPT DV for appropriate diagnostic routines.
2. Replace the ETB per the Workshop Manual (WSM), Section 303-04.

PART NUMBER	PART NAME
9L8Z-9E926-A	Electronic Throttle Body

WARRANTY STATUS: Eligible Under Provisions Of New Vehicle Limited Warranty Coverage
IMPORTANT: Warranty coverage limits/policies are not altered by a TSB. Warranty coverage limits are determined by the identified causal part.

OPERATION	DESCRIPTION	TIME
0870922A	2009 Escape, Escape Hybrid, Mariner, Mariner Hybrid: Replace The ETB, Includes Time To Check And Clear Codes (Do Not Use With Any Other Operations)	0.6 Hr.
0870922A	2010 Fusion, Fusion Hybrid, Milan, Milan Hybrid 2.5L Engine: Replace The ETB, Includes Time To Check And Clear Codes (Do Not Use With Any Other Operations)	0.6 Hr.
0870922A	2010 Fusion, Milan 3.0L Engine: Replace The ETB, Includes Time To Check And Clear Codes (Do Not Use With Any Other Operations)	0.8 Hr.

DEALER CODING

BASIC PART NO.
9E926

OASIS CODES: 600000, 698298

CONDITION
CODE
42

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. Warranty Policy and Extended Service Plan documentation determine Warranty and/or Extended Service Plan coverage unless stated otherwise in the TSB article. The information in this Technical Service Bulletin (TSB) was current at the time of printing. Ford Motor Company reserves the right to supercede this information with updates. The most recent information is available through Ford Motor Company's on-line technical resources.

From: [REDACTED]
Sent: Sunday, July 12, 2009 11:16 AM
To: [REDACTED]
Subject: FW: 2010 CD3 modules....ETB input?

What do you think?

This SSM was directed to be written as soon as they understood there was a specific issue with the ETB and they are trying to avoid unnecessary PCM replacement... understandable. There was a high % of TNI PCMs replaced for these P0122/P0222 codes.

But, I am not real happy about highlighting the ETB immediately. (I thought it was at the top of the dealer's list anyway!)

The SSM does say to "perform the PC/ED pinpoint test DV diagnostic subroutine," but it clearly highlights the ETB.

I would probably prefer wording like... if no trouble is found with the PCM, wire harness or, replace the ETB.

The problem is that the ETB issue is somewhat intermittent... it has taken testing at temps or the screening test to confirm the failure.

The screening test is not practical for the dealers to perform. So, that is some justification to point them to the ETB.

One thing that needs to be verified... is it possible to have an issue with the PCM that would cause these codes?

I need to give them feedback Monday.

Sincerely,

[REDACTED]
*PD Supervisor - Component C Current Quality
& Rawsonville Resident Engrg - Engine
(Components = Air Metering, Fuel Metering, Ignition, ESMS)
Ford Motor Company - Bldg #1*

From: [REDACTED]
Sent: Friday, July 10, 2009 8:41 AM
To: [REDACTED]
Cc: [REDACTED]

Subject: RE: 2010 CD3 modules.....update

Thanks Scott- Your thoughts on the below revised SSM draft ?

Some 2009 Escape/Mariner, Escape/Mariner Hybrids and 2010 Fusion/Milan, Fusion/Milan Hybrids built prior to 6/15/2009 equipped with 2.5L and 3.0L Engines may exhibit a Lacks Power concern and/or Malfunction Indicator Light(MIL) with Electronic Throttle Body(ETB), Throttle Position Sensor(TPS) Diagnostic Trouble Code P0122 (Throttle/Pedal Position Sensor A- Circuit Low) And/OR P0222(Throttle/Pedal Position Switch B- Circuit Low). Do not replace the Powertrain Control Module for this concern. Perform PC/ED Pinpoint test DV Diagnostic Subroutine. If root cause is undetermined following diagnostic routines replace Electronic Throttle Body(ETB).

[REDACTED]
Super-Duty PT Quality
[REDACTED]

From: [REDACTED]
Sent: Friday, July 10, 2009 7:41 AM
To: [REDACTED]
Cc: [REDACTED]

Subject: RE: 2010 CD3 modules.....update

#1, I think [REDACTED] confirmed there were two "suspect" PCMs, but that neither had ETB-related codes.

Note that this P0122 and P0222 will be flagged for issues other than the known ETB chip timing issue. For one, wire harness issues can also flag this code.

In analyzing the claims, we have significantly more P0122 and P0222 associated claims than we would expect for the chip timing issue. We feel we have a good handle on the risk/occurrence of the chip timing issue.

I have summarized our confirmed ETB failures for the TPS chip Timing issue:

- all but one have either the P0122 or P0222 codes.
- Only two have any mention of driveability issues

9L8E ETB's with confirmed Chip Timing Error

<u>VIN</u>	<u>CUST COMPLAINT</u>	<u>DTC</u>
1F [REDACTED]	CEL	P0122 w/ P1125 & P2135
3F [REDACTED]	CEL	P0222 w/ p0505
1F... [REDACTED]	CLE	P0222w/ P0505, P2127, P2128 & P2100
1F... [REDACTED]	Wrench	P0122 w/ P111
4M... [REDACTED]	CEL	P0122
1F...K [REDACTED]	CEL & Wrench & "poor mileage (23.5)"	P0122 w/ P1000
1F...K [REDACTED]	Wrench	Wrench light w/ no codes
4M [REDACTED]	CEL & "No power on Accel"	P0222
1F...K [REDACTED]	CEL	P0122

CEL = Check Engine Light.

Please call me with any questions.

Sincerely,
[REDACTED]

*PD Supervisor - Component C Current Quality
& Rawsonville Resident Engrg - Engine*

(Components = Air Metering, Fuel Metering, Ignition, ESMS)

From: [REDACTED]
Sent: Wednesday, July 08, 2009 7:35 AM
To: [REDACTED]
Cc: [REDACTED]

RE: 2010 CD3 modules.....update

VEE SSM release approval pending confirmation on whether or not we should include "Do not replace the Powertrain Control Module" statement in the communication release. Will customers experience Drivability concerns(Stalls/Lacks Power/No-Start) or MIL only ? Thanks

Some 2009 Escape/Mariner, Escape/Mariner Hybrids and 2010 Fusion/Milan, Fusion/Milan Hybrids built prior to 6/15/2009 equipped with 2.5L and 3.0L Engines may exhibit a MIL light and Electronic Throttle Body(ETB), Throttle Position Sensor(TPS) Diagnostic Trouble Codes P0122 (Throttle/Pedal Position Sensor A-Circuit Low) And/Or P0222(Throttle/Pedal Position Switch B- Circuit Low). Perform PC/ED Pinpoint test DV Diagnostic Subroutine. If root cause is undetermined following normal diagnostics. Do not replace the Powertrain Control Module. This concern is under investigation. Monitor OASIS for future updates.

[REDACTED]
Super-Duty PT Quality
[REDACTED]

From: [REDACTED]
Sent: Tuesday, July 07, 2009 4:40 PM
To: [REDACTED] Wendell (W.R.);
Subject: RE: 2010 CD3 modules.....update

Guys,
Did this get confirmed? ...Was it 108375 the one PCM Dave had issues with?

Sincerely,

[REDACTED]
*PD Supervisor - Component C Current Quality
& Rawsonville Resident Engrg - Engine
(Components = Air Metering, Fuel Metering, Ignition, ESMS)*

Ford Motor Company - Bldg #1

[REDACTED]

From: [REDACTED]

Sent: Wednesday, June 24, 2009 2:03 PM

To: [REDACTED]

Subject: RE: 2010 CD3 modules.....update

Are these PCMs from cars in which wiring was called out as the root cause? 3 of the 5 PCM with ETC issues below was due to wiring so I expect those PCMs to NOT have issues. I expect 108375 and possibly 108149 would have issues. Was it 108375 the one PCM Dave had issues with. What were the root causes to the other 7 vehicles? Has anyone run a "clean" returned PCM in a temperature chamber to make sure that the issue isn't related to temperature?

Thanks,

[REDACTED]

From: [REDACTED]

[REDACTED]

Subject: RE: 2010 CD3 modules.....update

[REDACTED]

[REDACTED] from Conti and I just finished driving 12 of the 2010 CD3 I4 ATX field return PCMs, and had an issue with only one PCM. The other 11 PCMs drove clean and tested KOER clean.

6 of the 11 PCMs that tested clean had ETC OBD codes.

I used a vehicle that Terry Cowher loaned to us.

[REDACTED]

[REDACTED]

Subject: RE: 2010 CD3 modules.....update

[REDACTED] the Delphi corrective actions (containment and PCA) for the chip in the TB are below.

ICA engines to HSAP 6/14 with 100% screening process at tier #1

PCA engines to HSAP 7/10 with chip manufacturing process 100% cutoff 6/26 at tier #1

[REDACTED]
Powertrain Quality
Ford Motor Company
Building 2 / 24K36

[REDACTED] m

From: [REDACTED]

Subject: RE: 2010 CD3 modules.....update

[REDACTED]

I have been seeing ETB faults in 2009 U377 warranty on both I4 and V6 powertrains for a while, and when I check the PCMs, the PCM performance is clean.

Kathy Kadrovich visited a short time ago, and we both think that we need to do some sort of dealership notification on the Delphi ETB to limit the replacement of good PCMs.

Please advise on next steps as we need to improve management of this warranty action

From: [REDACTED]

Sent: Tuesday, June 23, 2009 11:44 AM

To: [REDACTED]

Subject: RE: 2010 CD3 modules.....update

Attached is summary of Delphi TB chip concern that is driving the TP circuit codes in Kyles note below.

Kathy, how many of these have resulted in PCM replacements? Do we need to get a message out to stop the replacement?

[REDACTED]
Powertrain Quality
Ford Motor Company
Building 2 / 24K36

From: [REDACTED]
Sent: Tuesday, June 23, 2009 10:58 AM
To: [REDACTED]

Subject: RE: 2010 CD3 modules.....update

I also added comments....

3-wiring

2-PCM for different failure modes (Stalls w/engine/wrench light and Check Engine light only).

By the way - one of you asked about the P0688 - It's just a typo. It is a P06B8. Sometimes hard for an admin to read a tech's handwriting.

Known issue with IDS Clear KAM function. Already fixed.

From: [REDACTED]

Subject: RE: 2010 CD3 modules.....update

Good answers Top. I added a few comments.

Top

I went through the 12 I4 ATX CD3 PCMs that I have on my desk, and 5 have ETC issues.

600717 has 0642 [ETC A lo]

P0642 - VREF Under-voltage / short-to-ground fault code, sounds like wiring/corrosion or the PCM to me. Never got one during development . This claim calls out wiring as the root cause - 12" from the pcm, circuit LE423 GNVT.

114662 has 0122, 0222, 2122, 1127 [TPA lo, TPB lo, Pedal D lo, Pedal E lo]

TP sensors are out of range. It's either wiring/corrosion, PCM, or ETB sensors. (Since the pedal faults also set, check ETC Ref for short to ground or open, or internal PCM) Find out what was replaced and if it fixed the issue. This one also calls out wiring (Base 14290).

108149 has 0122, 0222, 0212, 2127, 0685

You also got a CCSD relay code along with the TP sensors out of range code. So my guess is wiring. I don't know what P0212 is (P2122?) . Find out what was replaced and if it fixed the issue. Stalls with engine/wrench light - my guess is pcm as root cause here.

108375 has 2107

H-bridge fault. Most likely PCM. Find out what was replaced and if it fixed the issue. (Can be shorts on the ETB TACM+/- wires. Check for chaffing on harness) This one had a TB replaced but came back with the P2107 check engine light. Looks like pcm as root cause.

109365 has 0122, 0301, 0316, 0351, 2111, 2135, 0688

You are getting misfire codes along with the TP codes. Most likely PCM or wiring. I don't know what P0688 is. Find out what was replaced and if it fixed the issue. This one calls out wiring as root cause (Base 14290).

How do we tell if these are Denso or Delphi ETB's ? the 2.5L is Delphi

The two 2010 V6 Fusion PCMs are both misfire fault cases [one P0305, and one P0306].

Please advise on what you would like to do with the I4 ETC cases.

Thanks

From: Chea, Top (T.C.)

Sent: [REDACTED]

Subject: RE: 2010 CD3 modules.....update

The P2135 is a TP sensor comparison fault. In 2010 we switched from a Denso ETB to a Delphi ETB for the I4. I've heard lots of issues with the Delphi ETB popping up. [REDACTED] can you confirm if there were any bad lots of ETB that could have gone to the CD3 program from Delphi?

What were the replacement parts that fixed the issues on the 3 cars? I noticed on one of the cars, the ETB change did not fix the issue.

From: [REDACTED]

Subject: RE: 2010 CD3 modules.....update

We don't have any 2010 Fusion test cars yet, so the answer is no.

I have a 2009 Escape with a P2135 ETC code that I have driven for over a week without any issue surfacing.

Do you understand the 2135 code very well, and what would be the common root cause to set it ?

My question was if you had any OBD ETC fault code issues on the 2010 Fusion launch as we don't see many ETC faults, false or otherwise.

Thanks

From: [REDACTED]

Subject: RE: 2010 CD3 modules.....update

I see 3 cars with ETC codes and all 3 of them, the PCMs were pulled. Did it fix the issue on them or was it wiring? And did you test them after Dave Wood said they were okay? What was your result?

[Top](#)

From: [REDACTED]

Subject: 2010 CD3 modules.....update

[REDACTED]

Initial 2010 fusion Warranty looks like an issue on the I4 with ETC codes,

Did you have to fix them at launch ?

Brian

Initial 2010 fusion warranty looks like an issue with P030X faults on the V6.

Did you fixes at launch ?

Thanks

[REDACTED]

From:

Subject:

[REDACTED]
FW: Background on SSM vs. TSB relative to Chip Timing Issue...

From:

Subject:

[REDACTED]
FW: Background on SSM vs. TSB relative to Chip Timing Issue...

See below for some background info and philosophy on TSBs.

This discussion below was relative to the **SSM 20897 on the chip timing issue.**

Here are some further comments:

- We should tend toward "limiting" the number of TSB's... AND, the TSB SHOULD BE VALUE-ADDED!
- Jose's comment "...we think, utilizing the best way to communicate to the dealers is by utilizing existing publications and available resources (PCED/WSM/OG etc.)" is straightforward.
- Jose makes a comment that implies a TSB would increase diag time, while Jennifer seems to think it will decrease it. I'm not sure which is the case.
- I would think TSB only helps reduce diag time (and therefore cost) if it avoids the diag and points directly at a component.
- Even if the TSB helps diag time for some claims (-\$40?), I believe this one would cause many more erroneous t/body replacements at ~\$250 to \$300 each.
- Stop Ships cannot require TSBs, it would make no sense. Some (we hope most) stop-ships prevent the issue from even reaching the field. Therefore, no service action is required for those cases.
- We will have to run the repeat repairs to determine how many of the TPS circuit claims in the current list are mis-binned against the ETB for wire harness issues.

But, I know they're in there... there is some level that I've seen already.

Let me know if you'd like me to join you for whatever meeting is being set up.

Sincerely,

[REDACTED]
*PD Supervisor - Component C Current Quality
& Rawsonville Resident Engrg - Engine
(Components = Air Metering, Fuel Metering, Ignition, ESMs)
Ford Motor Company - Bldg #1*

Subject:

[REDACTED]
RE: QCN for Delphi Parts at FCSD - 2.5L Throttle Body Codes

[REDACTED],
Thanks for re-reviewing this portion with the team(s). At this point our program continues supporting the SSM release, since the part in question did not change physically nor an engineering change when into place. The concern with the part was a process that builds the part that got out of control and a new part number was not needed. In our

perspective, creating a TSB would of increased the diagnostic time and part replacement on every repair and repeating the PCED diagnosis on every repair. In the SSM case, were we advise the dealer the throttle body in question is to replace it; however, before replacing the throttle body, it advices to check wiring and use existing PCED manual for diagnosis (This reduces resources to republish what was already published in the PCED/WSM) In the SSM case the dealer may or may not include diagnostic time, thus saving costs of the repair.

We understand both teams strive to get the most up-to-date service information available. We will work with our internal teams to review proper course of actions between SSM vs. TSB releases. This particular concern is not an SSM VS. TSB issue, we think, utilizing the best way to communicate to the dealers is by utilizing existing publications and available resources (PCED/WSM/OG etc.)

Once again thanks for your support on this matter and we continue moving forward with additional service actions.

Regards,



*Product Concern Engineer
Fusion/Milan/Zephyr/MKZ
Ford Customer Service Division*

From: [REDACTED]
Sent: Wednesday, August 12, 2009 10:41 AM
To: [REDACTED]
Subject: RE: QCN for Delphi Parts at FCSD - 2.5L Throttle Body Codes

FYI...
For supplier quality issues, if part number is not changed, then we need to provide a way to differentiate good/bad part (i.e. Julian date code, paint dot, etc.). That can be done in TSB with graphic showing location of marking and verbiage (example attached). QCN does not extend to dealer stock nor export market part depots. Those parts will not be scrapped and/or reworked by supplier. They will be installed in vehicle per SSM and return for repeat repair. If you specify "replace part for supplier quality issue if it meets this criteria", then you'll decrease your warranty for diagnostic time and unnecessary replacement. There is no way to monitor/control SSM usage.

<< File: TSB 09-2-3.pdf >>
Sincerely,
[REDACTED]
Escape PVT - FCSD Product Concern Engineer
[REDACTED]

From: [REDACTED]
Subject: RE: QCN for Delphi Parts at FCSD - 2.5L Throttle Body Codes

I requested the QCN, because I had reports after the SSM.

I'm Ok with leaving SSM. For future reference...
TSB = final fix
SSM = information Only

From: [REDACTED]
Subject: RE: QCN for Delphi Parts at FCSD - 2.5L Throttle Body Codes

[REDACTED]

[REDACTED] I'm not convinced this concern justifies superseding the SSM with a TSB release. Do you have CQIS reports, business case that would substantiate a TSB release or do you agree to monitor and revisit if needed ? Thanks

[REDACTED]

Super-Duty PT Quality

[REDACTED]

From: [REDACTED]

Subject: RE: QCN for Delphi Parts at FCSD - 2.5L Throttle Body Codes

Any Stock shipped with a Delphi ETB Build Date of 5/27/09 or later is certified stock.

Note that there were also previous build dates at Delphi that were entirely clean... utilized chips from a PVD2 process that is superior to the process of concern (PVD1) and has not shown any defects for the chip timing error.

ALSO NOTE that the Upper end of the failure rate on the suspect PVD1 process is expected to be 173ppm.

We absolutely need to keep that in perspective so that this is not blown out of proportion.

Sincerely,

[REDACTED]

*PD Supervisor - Component C Current Quality
& Rawsonville Resident Engrg - Engine
(Components = Air Metering, Fuel Metering, Ignition, ESMs)
Ford Motor Company - Bldg #1*

[REDACTED]

From: [REDACTED]

Subject: RE: QCN for Delphi Parts at FCSD - 2.5L Throttle Body Codes

The QCN cleaned the suspect stock from the Depots for FCSD. The QCN did not contain a stated clean service date, but any stock shipped to FCSD after the QCN was issued should be certified stock. The QCN was issued by FCSD on 8/4/2009

From: [REDACTED]

Subject: RE: QCN for Delphi Parts at FCSD - 2.5L Throttle Body Codes

Can Kelvin confirm clean service stock date ? Are we reworking existing service stock per Mr. Langley's directive ? Will ask [REDACTED] for feedback on converting SSM 20897 to a TSB.

OASIS SPECIAL SERVICE MESSAGE NUMBER: 20897

MESSAGE TITLE: 2009 ESCAPE/MARINER, ESCAPE/MARINER HEV, AND 2010 FUSION/MILAN, FUSION/MILAN HYBRIDS BUILT BEFORE 06/15/09 - DIAGNOSTIC TROUBLE CODES

APPLICABLE VEHICLES :

2010 CAR : 00170 FUSION

2010 CAR : 00171 MILAN

2009 - 2010 TRUCK : 00130 ESCAPE

2009 - 2010 TRUCK : 00163 MARINER

OASIS MESSAGE :

SOME 2009 ESCAPE/MARINER/HYBRID AND 2010 FUSION/MILAN/HYBRID VEHICLES, EXCLUDING

THE 3.5L ENGINE, BUILT PRIOR TO 6/15/2009, MAY EXHIBIT A MALFUNCTION INDICATOR LIGHT(MIL) AND/OR LACKS POWER CONDITION WITH DIAGNOSTIC TROUBLE CODES P0122 AND/OR P0222. TO PROPERLY DIAGNOSE THIS CONDITION, PERFORM PC/ED PINPOINT TEST DV DIAGNOSTIC SUBROUTINE, INCLUDING CHECKING THE WIRING HARNESS CONNECTIONS FOR

PROPER SEATING. IF THE ROOT CAUSE IS UNDETERMINED, REPLACE THE ELECTRONIC THROTTLE BODY.

APPLICABLE SYMPTOM CODES :

P0122 DIAGNOSTIC TROUBLE CODE (DTC)

P0222 DIAGNOSTIC TROUBLE CODE (DTC)

698298 DRIVEABILITY MALFUNCTION INDICATOR LAMP - MIL

800000 GENERAL-PREDELIVERY RUNNING CHANGES

804000 PRE-DELIVERY

[REDACTED]
Super-Duty PT Quality

[REDACTED]

From: [REDACTED]
[REDACTED] Tuesday, August 11, 2009 11:22 AM

To: [REDACTED]
[REDACTED] RE: QCN for Delphi Parts at FCSD - 2.5L Throttle Body Codes

Need confirmed good service stock clean date. QCN issue date is not same depot clean date. This concern will remain open for Escape/Mariner until depot audit confirmed complete. I'd prefer SSM replaced with TSB, at that point, as this is a final fix for supplier quality issue. We will be able to monitor future usage/containment with TSB unique labor code.

[REDACTED]

Cc: [REDACTED]
Subject: RE: QCN for Delphi Parts at FCSD - 2.5L Throttle Body Codes

My pleasure

[REDACTED]
Super-Duty PT Quality
[REDACTED]

From: [REDACTED]
Sent: Monday, August 10, 2009 11:08 AM
To: [REDACTED]
Subject: FW: QCN for Delphi Parts at FCSD - 2.5L Throttle Body Codes

[REDACTED] The QCN on Delphi's suspect 2.5L throttle bodies is completed. We are moving forward on closing this emerging concern for both CD3XX and U377 platforms. We are monitoring field reports, and see if any repeat repairs are evident in the near future. Thanks.

Thanks for your support on closing this Cross Commodity issue.

Regards,


*Product Concern Engineer
Fusion/Milan/Zephyr/MKZ
Ford Customer Service Division*

From: [REDACTED]
Sent: Tuesday, August 04, 2009 11:07 AM
To: [REDACTED]
Cc: [REDACTED]
Subject: QCN for Delphi Parts at FCSD

John,

Attached is a completed QCN Form from Delphi for the return of 190 pcs for review and testing at their facility.

<< File: QCN Request Form.xls >>

Delphi Team

Based on this QCN FCSD will issue QR's which the depots will follow for the return of the stock to your facility for review and inspection. Your team will need to provide disposition on the QR's which is part of the D3 when they are issued. You will also need to provide me with documentation on the results / testing of the parts. The qty on the QR maybe potentially reduced based on how many your team finds defective.

[REDACTED]
FCSD STA Quality Engineer

[REDACTED]

From: [REDACTED]
Sent: Monday, October 19, 2009 9:01 AM
To: [REDACTED]
Subject: FW: TSB Request for Input: 087-2009-1872: 2009-2010(2)

Do we need / want to publish this? Jim

[REDACTED]
Manager - Component Design C Department
Large Gas & Diesel Engine Engineering
Dearborn - Building 1 - Room 12B092
[REDACTED]
ONE FORD: ONE Plan - ONE Team - ONE Goal

From: [REDACTED]
Sent: Friday, October 16, 2009 11:37 AM
To: [REDACTED]
Subject: TSB Request for Input: 087-2009-1872: 2009-2010 ESCAPE/MARINER/& HYBRID ELECTRIC VEHICLES, AND 2010 FUSION/MILAN/& HYBRID ELECTRIC VEHICLES - DIAGNOSTIC TROUBLE CODES P0121, P0122, P0221, P0222, P2135.

TSB Request for Input

***** NOTE: The system generated the email. *****

This message is being sent on behalf of JISAACSO.

Please provide review and feedback for the article below. The person requesting this feedback may have provided further direction in the comment section below. Forward/Send any comments via email to the person who sent this email.

General Information

Last action taken (as of 10/16/2009 3:37:07 PM GMT): Send for engineering input
Comment: Please review for the 10-21-09 meeting.
Author: JISAACSO
Tracking Number: 087-2009-1872
Author Tracking Number: 087-2009-5432
Title: 2009-2010 ESCAPE/MARINER/& HYBRID ELECTRIC VEHICLES, AND 2010 FUSION/MILAN/& HYBRID ELECTRIC VEHICLES - DIAGNOSTIC TROUBLE CODES P0121, P0122, P0221, P0222, P2135.
Article Type: TSB

TSB Issue:

Some 2009-2010 Escape/Mariner/ & Hybrid Electric Vehicles, 2010 Fusion/Milan and Fusion/Milan/ & Hybrid Electric Vehicles may exhibit an electronic throttle control engine fail safe mode warning wrench light displayed in the message center or instrument panel and amber electronic throttle control warning lamp on with multiple ETC diagnostic trouble codes (P0121, P0122, P0221, P0222, P2135) present in the power control module. Driveability symptoms may include rough idle, poor acceleration, low RPM drop and lack of throttle response. This may be attributed to the electronic throttle body hardware.

TSB Action:

Follow the Service Procedure steps to correct the condition.

TSB Service Procedure:

- 1) Verify DTC'S P0121, P0122, P0221, P0222, P2135 are present. If they are present, continue to step 2.

- 2) If the vehicle build date is from ##### to #####, continue to step 3. If the vehicle build date is not from ##### to #####, refer to PC/ED for further diagnostics.

- 3) Inspect the electronic throttle body build date, refer to pic #1. If the build date is before September of 2009, or #####, replace the electronic throttle body per the workshop manual procedure #####.

Category:

Service Fix (10 years - TSB Only)

Request Type:

QSF

Would this make a good cost save business case?

Yes

Activity Code:

087 Powertrain Engine

Vehicle Applications:

Vehicle Lines	Model Year Start	Model Year End	Assembly Plants	Body Styles	Engine	Trans Axles	Build From	Build To
Escape	2009	2010	KCAP		2.5L, 3.0L & HEV			
Escape Hybrid	2009	2010	KCAP		2.5L, 3.0L & HEV			
Mariner	2009	2010	KCAP		2.5L, 3.0L & HEV			
Mariner Hybrid	2009	2010	KCAP		2.5L, 3.0L & HEV			
Fusion	2010	2010	HSAP		2.5L, 3.0L & HEV			
Milan	2010	2010	HSAP		2.5L, 3.0L & HEV			

If SPECS Case, Select all Other Affected**Publications:****Changes Needed in Other Pubs:****TSBs to Supersede:****SSMs to Supersede:**

20897

ISMs to Supersede:

Other application Articles:

Select the reason for republication:

New Part/Procedure For Same Condition

Procedure verified by CDSID:

jisaacso

Describe How The Procedure Was Verified:

Engineering contained supplier quality issue.
Engineering team process.

Do you have access to a vehicle for time study?

Yes

If Yes, contact for vehicle CDSID:

jisaacso

Labor Operations:

Are Illustrations Required?

Yes

If Yes, Contact information for illustrations:

CDSID(Ford only):

jisaacso

Full Name:

James Isaacson

Phone:

[REDACTED]

Illustration Notes:

Trustmarks affected:

Ford, Mercury

Additional Trustmarks To Notify:

Article Distribution:

WDMO, Canada, Mexico, United States

DTC Codes and OASIS Service Codes:

P0121, P0122, P0221, P0222, P2135, 698298,
803000, 804000

Causal Basic Part # or Finis Code:

Causal Part # or Finis Code	Warranty Condition Codes
19E616	Body: 42

Calibrations List:

White Paper Numbers:

Parts Request Information

Are Parts Required?

Yes

QSF Single Agenda Or Program FRC Date:

Parts List:

*Type of Part	*Eng #	*Is This Part a Kit?	*Existing Stock#	*Part Name	*Qty/veh.	*Engineering Est. Qty. Needed
Existing	9L8E-9F991-BC	No	Sell	Electronic Throttle	1	0
*Calculated Forecast		*@WERS Notice #		*@WERS Date Released		*@Supplier Company
0						
@1st Contact	@1st Contact Phone	Source Code	Service #	Replaced SVC #	°Replaced Eng. #	°Is Calibration Needed
			9L8Z-9E926-A	9L8Z-9E926-A	9L8E-9F991-BC	No

Parts catalog flag needed?

Yes

Part number(s) that require flag:

9L8E-9F991-BC, 9L8Z-9E926-A

Is geographic location significant?

No

Special instructions/remarks:

Supplier quality issue. Part number did not change. Parts with Julian date code of ##### should be replaced.

Article Number:

BCM Number:

(End automated email)

From: [REDACTED]
Sent: Monday, October 19, 2009 8:55 AM
To: [REDACTED]
Cc: [REDACTED]
Subject: FW: TSB Request for Input: 087-2009-1872: 2009-2010(3)

Adam/Dave, can you help with correct vehicle build dates ?

[REDACTED]
Electronic Throttle Body Engineering Supervisor
Bldg-1 Cube 12B115
[REDACTED]

From: [REDACTED]
Sent: Friday, October 16, 2009 11:37 AM
To: [REDACTED]

[REDACTED] Request for Input: 087-2009-1872: 2009-2010 ESCAPE/MARINER/& HYBRID ELECTRIC VEHICLES, AND 2010 FUSION/MILAN/& HYBRID ELECTRIC VEHICLES - DIAGNOSTIC TROUBLE CODES P0121, P0122, P0221, P0222, P2135.

TSB Request for Input

***** NOTE: The system generated the email. *****

This message is being sent on behalf of JISAACSO.

Please provide review and feedback for the article below. The person requesting this feedback may have provided further direction in the comment section below. Forward/Send any comments via email to the person who sent this email.

General Information

Last action taken (as of 10/16/2009 3:37:07 PM GMT): Send for engineering input
Comment: Please review for the 10-21-09 meeting.

Author: JISAACSO
Tracking Number: 087-2009-1872
Author Tracking Number: 087-2009-5432
Title: 2009-2010 ESCAPE/MARINER/& HYBRID ELECTRIC VEHICLES, AND 2010 FUSION/MILAN/& HYBRID ELECTRIC VEHICLES - DIAGNOSTIC TROUBLE CODES

P0121, P0122, P0221, P0222, P2135.

Article Type:

TSB

TSB Issue:

Some 2009-2010 Escape/Mariner/ & Hybrid Electric Vehicles, 2010 Fusion/Milan and Fusion/Milan/ & Hybrid Electric Vehicles may exhibit an electronic throttle control engine fail safe mode warning wrench light displayed in the message center or instrument panel and amber electronic throttle control warning lamp on with multiple ETC diagnostic trouble codes (P0121, P0122, P0221, P0222, P2135) present in the power control module. Driveability symptoms may include rough idle, poor acceleration, low RPM drop and lack of throttle response. This may be attributed to the electronic throttle body hardware.

TSB Action:

Follow the Service Procedure steps to correct the condition.

TSB Service Procedure:

1) Verify DTC'S P0121, P0122, P0221, P0222, P2135 are present. If they are present, continue to step 2.

2) If the vehicle build date is from ##### to #####, continue to step 3. If the vehicle build date is not from ##### to #####, refer to PC/ED for further diagnostics.

3) Inspect the electronic throttle body build date, refer to pic #1. If the build date is before September of 2009, or #####, replace the electronic throttle body per the workshop manual procedure #####.

Category:

Service Fix (10 years - TSB Only)

Request Type:

QSF

Would this make a good cost save business case?

Yes

Activity Code:

087 Powertrain Engine

Vehicle Applications:

Vehicle Lines	Model Year Start	Model Year End	Assembly Plants	Body Styles	Engine	Trans Axles	Build From	Build To
Escape	2009	2010	KCAP		2.5L, 3.0L & HEV			
Escape Hybrid	2009	2010	KCAP		2.5L, 3.0L & HEV			
Mariner	2009	2010	KCAP		2.5L, 3.0L & HEV			
Mariner Hybrid	2009	2010	KCAP		2.5L, 3.0L & HEV			
Fusion	2010	2010	HSAP		2.5L, 3.0L & HEV			
Milan	2010	2010	HSAP		2.5L, 3.0L & HEV			

If SPECS Case, Select all Other Affected Publications:

Changes Needed in Other Pubs:

TSBs to Supersede:

SSMs to Supersede:

20897

ISMs to Supersede:

Other application Articles:

Select the reason for republication:

New Part/Procedure For Same Condition

Procedure verified by CDSID:

jisaacso

Describe How The Procedure Was Verified:

Engineering contained supplier quality issue.
Engineering team process.

Do you have access to a vehicle for time study? Yes

If Yes, contact for vehicle CDSID:

jisaacso

Labor Operations:

Are Illustrations Required?

Yes

If Yes, Contact information for illustrations:

CDSID(Ford only):

jisaacso

Full Name:

James Isaacson

Phone:

[REDACTED]

Illustration Notes:

Trustmarks affected:

Ford, Mercury

Additional Trustmarks To Notify:

Article Distribution:

WDMO, Canada, Mexico, United States

DTC Codes and OASIS Service Codes:

P0121, P0122, P0221, P0222, P2135, 698298,
803000, 804000

Causal Basic Part # or Finis Code:

Causal Part # or Finis Code	Warranty Condition Codes
19E616	Body: 42

Calibrations List:

White Paper Numbers:

Parts Request Information

Are Parts Required?

Yes

QSF Single Agenda Or Program FRC Date:

Parts List:

	*Type of Part	*Eng #	*Is This Part a Kit?	*Existing Stock#	*Part Name	*Qty/veh.	*Engineering Est. Qty. Needed
1	Existing	9L8E-9F991-BC	No	Sell	Electronic Throttle	1	0
	*Calculated Forecast		*@WERS Notice #		*@WERS Date Released		*@Supplier Company
	0						

@1st Contact	@1st Contact Phone	Source Code	Service #	Replaced SVC #	°Replaced Eng. #	°Is Calibration Needed
			9L8Z-9E926-A	9L8Z-9E926-A	9L8E-9F991-BC	No

Parts catalog flag needed?

Yes

Part number(s) that require flag:

9L8E-9F991-BC, 9L8Z-9E926-A

Is geographic location significant?

No

Special instructions/remarks:

Supplier quality issue. Part number did not change. Parts with Julian date code of ##### should be replaced.

Article Number:

BCM Number:

(End automated email)

From: [REDACTED]
Sent: Monday, October 19, 2009 8:51 AM
To: [REDACTED]
Cc: [REDACTED]
Subject: FW: TSB Request for Input: 087-2009-1872: 2009-2010(4)

I don't understand the disappointment statement by [REDACTED] I though we agreed and were aligned to issue SSM at point of confirmed failures which only happened last week. Mike, can you get me the date that we confirmed a Via Hole failure from the field please.

[REDACTED]
Electronic Throttle Body Engineering Supervisor
Bldg-1 Cube 12B115

[REDACTED]
Ford Motor Company

From: [REDACTED]
Sent: Friday, October 16, 2009 12:02 PM
To: [REDACTED]
Subject: FW: TSB Request for Input: 087-2009-1872: 2009-2010 ESCAPE/MARINER/& HYBRID ELECTRIC VEHICLES, AND 2010 FUSION/MILAN/& HYBRID ELECTRIC VEHICLES - DIAGNOSTIC TROUBLE CODES P0121, P0122, P0221, P0222, P2135.

I'm disappointed that this is just happening now.
Why, when we prepared this ~2mos ago (not exactly sure), are we just issuing now?

[REDACTED]
Manager, LGDEE OPD/Quality Dept
Phone [REDACTED]
Cell Phone: [REDACTED]
Text Page: chorbal

From: [REDACTED]
Sent: Friday, October 16, 2009 11:37 AM
To: [REDACTED]
[REDACTED]
[REDACTED] Input: 087-2009-1872: 2009-2010 ESCAPE/MARINER/& HYBRID ELECTRIC VEHICLES, AND 2010 FUSION/MILAN/& HYBRID ELECTRIC VEHICLES - DIAGNOSTIC TROUBLE CODES P0121, P0122, P0221, P0222, P2135.

TSB Request for Input

*** NOTE: The system generated the email. ***

This message is being sent on behalf of JISAACSO.

Please provide review and feedback for the article below. The person requesting this feedback may have provided further direction in the comment section below. Forward/Send any comments via email to the person who sent this email.

General Information

Last action taken (as of 10/16/2009 3:37:07 PM GMT): Send for engineering input
 Comment: Please review for the 10-21-09 meeting.

Author: JISAACSO
 Tracking Number: 087-2009-1872
 Author Tracking Number: 087-2009-5432
 Title: 2009-2010 ESCAPE/MARINER/& HYBRID ELECTRIC VEHICLES, AND 2010 FUSION/MILAN/& HYBRID ELECTRIC VEHICLES - DIAGNOSTIC TROUBLE CODES P0121, P0122, P0221, P0222, P2135.

Article Type: TSB

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Some 2009-2010 Escape/Mariner/ & Hybrid Electric Vehicles, 2010 Fusion/Milan and Fusion/Milan/ & Hybrid Electric Vehicles may exhibit an electronic throttle control engine fail safe mode warning wrench light displayed in the message center or instrument panel and amber electronic throttle control warning lamp on with multiple ETC diagnostic trouble codes (P0121, P0122, P0221, P0222, P2135) present in the power control module. Driveability symptoms may include rough idle, poor acceleration, low RPM drop and lack of throttle response. This may be attributed to the electronic throttle body hardware.

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Category: Service Fix (10 years - TSB Only)
 Request Type: QSF
 Would this make a good cost save business case?: Yes
 Activity Code: 087 Powertrain Engine
 Vehicle Applications:

Vehicle Lines	Model Year Start	Model Year End	Assembly Plants	Body Styles	Engine	Trans Axles	Build From	Build To
Escape	2009	2010	KCAP		2.5L, 3.0L & HEV			
Escape Hybrid	2009	2010	KCAP		2.5L, 3.0L & HEV			
Mariner	2009	2010	KCAP		2.5L, 3.0L & HEV			
Mariner Hybrid	2009	2010	KCAP		2.5L, 3.0L & HEV			
Fusion	2010	2010	HSAP		2.5L, 3.0L & HEV			
Milan	2010	2010	HSAP		2.5L, 3.0L & HEV			

If SPECS Case, Select all Other Affected Publications:

Changes Needed in Other Pubs:

TSBs to Supersede:

SSMs to Supersede:

20897

ISMs to Supersede:

Other application Articles:

Select the reason for republication:

New Part/Procedure For Same Condition

Procedure verified by CDSID:

jisaacso

Describe How The Procedure Was Verified:

Engineering contained supplier quality issue.
Engineering team process.

Do you have access to a vehicle for time study?

Yes

If Yes, contact for vehicle CDSID:

jisaacso

Labor Operations:

Are Illustrations Required?

Yes

If Yes, Contact information for illustrations:

CDSID(Ford only):

jisaacso

Full Name:

James Isaacson

Phone:

[REDACTED]

Illustration Notes:

Trustmarks affected:

Ford, Mercury

Additional Trustmarks To Notify:

Article Distribution:

WDMO, Canada, Mexico, United States

DTC Codes and OASIS Service Codes:

P0121, P0122, P0221, P0222, P2135, 698298, 803000, 804000

Causal Basic Part # or Finis Code:

Causal Part # or Finis Code	Warranty Condition Codes
19E616	Body: 42

Calibrations List:

White Paper Numbers:

Parts Request Information

Are Parts Required? Yes

QSF Single Agenda Or Program FRC Date:

Parts List:

*Type of Part	*Eng #	*Is This Part a Kit?	*Existing Stock#	*Part Name	*Qty/veh.	*Engineering Est. Qty. Needed
Existing	9L8E-9F991-BC	No	Sell	Electronic Throttle	1	0
*Calculated Forecast		*@WERS Notice #		*@WERS Date Released		*@Supplier Company
0						
@1st Contact	@1st Contact Phone	Source Code	Service #	Replaced SVC #	°Replaced Eng. #	°Is Calibration Needed
			9L8Z-9E926-A	9L8Z-9E926-A	9L8E-9F991-BC	No

Parts catalog flag needed?

Yes

Part number(s) that require flag:

9L8E-9F991-BC, 9L8Z-9E926-A

Is geographic location significant?

No

Special instructions/remarks:

Supplier quality issue. Part number did not change. Parts with Julian date code of ##### should be replaced.

Article Number:

BCM Number:

(End automated email)

From: [REDACTED]
Sent: Friday, October 05, 2012 9:20 AM
To: [REDACTED]
Subject: FW: TSB Request for Input: 087-2009-1872(6)

I think this is the via hole TSB.

From: [REDACTED]
Sent: Monday, October 19, 2009 11:16 AM
To: [REDACTED], [REDACTED]
Subject: RE: TSB Request for Input: 087-2009-1872: 2009-2010 ESCAPE/MARINER/& HYBRID ELECTRIC VEHICLES, AND 2010 FUSION/MILAN/& HYBRID ELECTRIC VEHICLES - DIAGNOSTIC TROUBLE CODES P0121, P0122, P0221, P0222, P2135.

Here is what I had in one of my recent notes regarding the vehicle build dates:

Also, listed below are the PCA clean dates at the Engine and Vehicle Plants for both I4 and V6:

I4: ChEP started building with clean (PCA) parts on 9/16/09.

- Estimated vehicle build clean dates for HSAP: 9/21/09

- Estimated vehicle build clean dates for KCAP: 10/1/09

V6: CEP2 started building 100% with clean (PCA) parts on 9/18/09 (first clean ESN is E1311 170909 932263055).

- Estimated vehicle build clean dates for HSAP: 9/29/09

- Estimated vehicle build clean dates for KCAP: 9/28/09

[REDACTED]
Supervisor D30
On-Going Product Development
[REDACTED]

From: [REDACTED]
Sent: Monday, October 19, 2009 10:33 AM
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: TSB Request for Input: 087-2009-1872: 2009-2010 ESCAPE/MARINER/& HYBRID ELECTRIC

VEHICLES, AND 2010 FUSION/MILAN/& HYBRID ELECTRIC VEHICLES - DIAGNOSTIC TROUBLE CODES P0121, P0122, P0221, P0222, P2135.

Refresh my memory. When did these parts first get shipped from Delphi? I believe we said the PCA parts should have arrived about 1 Oct to VO. I would put about a week after whenever we think they hit the engine plants as the start date and then pick a date after 1 October, maybe even up to the 15th, to allow for the stragglers at VO.

Ford Motor Company
V-Engine Engineering

From: [REDACTED]
Sent: Monday, October 19, 2009 8:55 AM
To: [REDACTED]
Cc: [REDACTED]
Subject: FW: TSB Request for Input: 087-2009-1872: 2009-2010 ESCAPE/MARINER/& HYBRID ELECTRIC VEHICLES, AND 2010 FUSION/MILAN/& HYBRID ELECTRIC VEHICLES - DIAGNOSTIC TROUBLE CODES P0121, P0122, P0221, P0222, P2135.

[REDACTED], can you help with correct vehicle build dates ?

[REDACTED]
Electronic Throttle Body Engineering Supervisor
Bldg-1 Cube 12B115

From: [REDACTED]
Sent: Friday, October 16, 2009 11:37 AM
To: [REDACTED]
Subject: TSB Request for Input: 087-2009-1872: 2009-2010 ESCAPE/MARINER/& HYBRID ELECTRIC VEHICLES, AND 2010 FUSION/MILAN/& HYBRID ELECTRIC VEHICLES - DIAGNOSTIC TROUBLE CODES P0121, P0122, P0221, P0222, P2135.

TSB Request for Input

*** NOTE: The system generated the email.***

This message is being sent on behalf of JISAACSO.

Please provide review and feedback for the article below. The person requesting this feedback may have provided further direction in the comment section below. Forward/Send any comments via email to the person

who sent this email.

General Information

Last action taken (as of 10/16/2009 3:37:07 PM GMT): Send for engineering input
Comment: Please review for the 10-21-09 meeting.

Author: JISAACSO
Tracking Number: 087-2009-1872
Author Tracking Number: 087-2009-5432
Title: 2009-2010 ESCAPE/MARINER/& HYBRID ELECTRIC VEHICLES, AND 2010 FUSION/MILAN/& HYBRID ELECTRIC VEHICLES - DIAGNOSTIC TROUBLE CODES P0121, P0122, P0221, P0222, P2135.
Article Type: TSB

TSB Issue:

Some 2009-2010 Escape/Mariner/ & Hybrid Electric Vehicles, 2010 Fusion/Milan and Fusion/Milan/ & Hybrid Electric Vehicles may exhibit an electronic throttle control engine fail safe mode warning wrench light displayed in the message center or instrument panel and amber electronic throttle control warning lamp on with multiple ETC diagnostic trouble codes (P0121, P0122, P0221, P0222, P2135) present in the power control module. Driveability symptoms may include rough idle, poor acceleration, low RPM drop and lack of throttle response. This may be attributed to the electronic throttle body hardware.

TSB Action:

Follow the Service Procedure steps to correct the condition.

TSB Service Procedure:

- 1) Verify DTC'S P0121, P0122, P0221, P0222, P2135 are present. If they are present, continue to step 2.
- 2) If the vehicle build date is from ##### to #####, continue to step 3. If the vehicle build date is not from ##### to #####, refer to PC/ED for further diagnostics.
- 3) Inspect the electronic throttle body build date, refer to pic #1. If the build date is before September of 2009, or #####, replace the electronic throttle body per the workshop manual procedure #####.

Category: Service Fix (10 years - TSB Only)
Request Type: QSF
Would this make a good cost save business case? Yes
Activity Code: 087 Powertrain Engine

Vehicle Applications:

Vehicle Lines	Model Year Start	Model Year End	Assembly Plants	Body Styles	Engine	Trans Axles	Build From	Build To
Escape	2009	2010	KCAP		2.5L, 3.0L & HEV			
Escape Hybrid	2009	2010	KCAP		2.5L, 3.0L & HEV			
Mariner	2009	2010	KCAP		2.5L, 3.0L & HEV			
Mariner Hybrid	2009	2010	KCAP		2.5L, 3.0L & HEV			
Fusion	2010	2010	HSAP		2.5L, 3.0L & HEV			
Milan	2010	2010	HSAP		2.5L, 3.0L & HEV			

If SPECS Case, Select all Other Affected Publications:

Changes Needed in Other Pubs:

TSBs to Supersede:

SSMs to Supersede: 20897

ISMs to Supersede:

Other application Articles:

Select the reason for republication:

Procedure verified by CDSID:

Describe How The Procedure Was Verified:

New Part/Procedure For Same Condition

jisaacso

Engineering contained supplier quality issue. Engineering team process.

Do you have access to a vehicle for time study?

Yes

If Yes, contact for vehicle CDSID:

jisaacso

Labor Operations:

Are Illustrations Required?

Yes

If Yes, Contact information for illustrations:

CDSID(Ford only):

jisaacso

Full Name:

James Isaacson

Phone:

313-805-9707

Illustration Notes:

Trustmarks affected:

Ford, Mercury

Additional Trustmarks To Notify:

Article Distribution:

WDMO, Canada, Mexico, United States

DTC Codes and OASIS Service Codes:

P0121, P0122, P0221, P0222, P2135, 698298, 803000, 804000

Causal Basic Part # or Finis Code:

Causal Part # or Finis Code	Warranty Condition Codes
19E616	Body: 42

Calibrations List:

White Paper Numbers:

Parts Request Information

Are Parts Required?

Yes

QSF Single Agenda Or Program FRC Date:

Parts List:

*Type of Part	*Eng #	*Is This Part a Kit?	*Existing Stock#	*Part Name	*Qty/veh.	*Engineering Est. Qty. Needed
Existing	9L8E-9F991-BC	No	Sell	Electronic Throttle	1	0
1	*Calculated Forecast	*@WERS Notice #		*@WERS Date Released		*@Supplier Company
	0					
@1st Contact	@1st Contact Phone	Source Code	Service #	Replaced SVC #	Replaced Eng. #	Is Calibration Needed
			9L8Z-9E926-A	9L8Z-9E926-A	9L8E-9F991-BC	No

Parts catalog flag needed?

Yes

Part number(s) that require flag:

9L8E-9F991-BC, 9L8Z-9E926-A

Is geographic location significant?

No

Special instructions/remarks:

Supplier quality issue. Part number did not change. Parts with Julian date code of ##### should be replaced.

Article Number:

BCM Number:

(End automated email)

From: [REDACTED]
Sent: Tuesday, September 08, 2009 8:24 AM
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: Proposal for ETB TSB Release

Yes, agree completely.

[REDACTED]
Electronic Throttle Body Engineering Supervisor
Bldg-1 Cube 12B115

[REDACTED]
Ford Motor Company

From: [REDACTED]
Sent: Monday, September 07, 2009 2:09 PM
To: [REDACTED]
Subject: RE: Proposal for ETB TSB Release

ok...so we are agreed....also, pls remember that a confirmed field failure means the parts are back and verified to have this specific failure mode (we've had some that came back and were NOT this failure mode)...I assume we are hot processing any that look and smell like this issue...thanks!...

[REDACTED]
Manager, LGDEE OPD/Quality Dept
[REDACTED]

From: [REDACTED]
Sent: Friday, September 04, 2009 1:15 PM
To: [REDACTED]
Subject: RE: Proposal for ETB TSB Release

I agree with having the TSB all ready to go, but waiting till we know we are seeing the failure in the field before it is submitted for approvals.

From: [REDACTED]
Sent: Friday, September 04, 2009 12:11 PM
To: [REDACTED]

Subject: Proposal for ETB TSB Release

[REDACTED] team, I personally would like to see a confirmed field return prior to issuing the TSB.

We are hot processing all JUN/JUL/AUG claims and can turn around our thermal cycling analysis in 2-3days.

Everything is in place to execute the TSB so I think we could have is released very quickly.

Per Mark Immonen we have the following sales/warranty stats;

2010 2.5L/2.5L hyb/3.0L Fusion/Escape - June/July vehicles produced 43,268 - June/July vehicles sold 28,156 (as of 8-21-09).

ETB Claims by Month of Production for the above through 8-26-09 AWS Load Date:

5 for Feb, 23 Mar, 4 Apr, 2 May, 5 June, 8 July, and 2 Aug. - for a total of 49 ETB claims.

We have already analyzed 3 of the 8 July claims (TNI after 343 thermal cycles), we have several on track for analysis next week.

We will be sure to let the team know once we have a confirmed failure, team Comments ?

[REDACTED]
Electronic Throttle Body Engineering Supervisor
Bldg-1 Cube 12B115

[REDACTED]
Ford Motor Company

From: [REDACTED]
Sent: Friday, September 04, 2009 6:14 AM
To: [REDACTED]

Subject: FW: TSB Request for Input: 087-2009-1872: 2009-2010 ESCAPE/MARINER/& HEV, AND 2010 FUSION/MILAN/& HEV - DIAGNOSTIC TROUBLE CODES P0121, P0122, P0221, P0222, P2135.

Are you both comfortable that publishing a TSB is the right decision?
Tks!

Manager, LGDEE OPD/Quality Dept
Phone

From:

Subject: TSB Request for Input: 087-2009-1872: 2009-2010 ESCAPE/MARINER/& HEV, AND 2010 FUSION/MILAN/& HEV - DIAGNOSTIC TROUBLE CODES P0121, P0122, P0221, P0222, P2135.

TSB Request for Input

***** NOTE: The system generated the email. *****

This message is being sent on behalf of JISAACSO.
Please provide review and feedback for the article below. The person requesting this feedback may have provided further direction in the comment section below. Forward/Send any comments via email to the person who sent this email.

General Information

Last action taken (as of 9/3/2009 5:31:18 PM GMT): Send for engineering input
Comment: Please review changes submitted by Jose Chacon.
Author: JISAACSO
Tracking Number: 087-2009-1872
Author Tracking Number: 087-2009-5432
Title: 2009-2010 ESCAPE/MARINER/& HEV, AND 2010 FUSION/MILAN/& HEV - DIAGNOSTIC TROUBLE CODES P0121, P0122, P0221, P0222, P2135.
Article Type: TSB

TSB Issue:
SOME 2009-2010 ESCAPE/MARINER, 2010 FUSION/MILAN AND FUSION/MILAN/ESCAPE/MARINER HYBRID (HEV) (EXCLUDES 3.5L FUSION SPORT) VEHICLES MAY EXHIBIT AN ----à'ELECTRONIC THROTTLE CONTROL (ETC) ENGINE FAILSAFE MODE' WARNING, ---àWRENCH LIGHT ON DISPLAYED IN THE MESSAGE CENTER OR INSTRUMENT PANEL AND -à AMBER ELECTRONIC THROTTLE CONTROL (ETC) WARNING LAMP ON WITH MULTIPLE ETC DIAGNOSTIC TROUBLE CODES (P0121, P0122, P0221, P0222, P2135) PRESENT IN THE POWER CONTROL MODULE (PCM). DRIVEABILITY SYMPTOMS MAY INCLUDE ROUGH IDLE, POOR ACCELERATION, LOW RPM DROP AND LACK OF THROTTLE RESPONSE. THIS MAY BE ATTRIBUTED TO THE ELECTRONIC THROTTLE BODY HARDWARE. IF THIS CONDITION OCCURS PROCEED WITH TSB SERVICE ACTION.

TSB Action:

Follow the Service Procedure steps to correct the condition.

TSB Service Procedure:

1) VERIFY DTC'S P0121, P0122, P0221, P0222, P2135 ARE PRESENT. IF THEY ARE PRESENT, CONTINUE TO STEP 2.

2) IF THE VEHICLE BUILD DATE IS FROM ##### TO #####, CONTINUE TO STEP 3. IF THE VEHICLE BUILD DATE IS NOT FROM ##### TO #####, REFER TO PCED FOR FURTHER DIAGNOSTICS.

3) INSPECT THE ELECTRONIC THROTTLE BODY BUILD DATE, REFER TO PIC #1. IF THE BUILD DATE IS BEFORE SEPTEMBER OF 2009, OR #####, REPLACE THE ELECTRONIC THROTTLE BODY PER THE WORKSHOP MANUAL.

Category: Service Fix (10 years - TSB Only)
Request Type: QSF
Would this make a good cost save business case? Yes
Activity Code: 087 Powertrain Engine
Vehicle Applications:

Vehicle Lines	Model Year Start	Model Year End	Assembly Plants	Body Styles	Engine	Trans Axles	Build From	Build To
Escape	2009	2010	KCAP		2.5L, 3.0L & HEV			
Escape Hybrid	2009	2010	KCAP		2.5L, 3.0L & HEV			
Mariner	2009	2010	KCAP		2.5L, 3.0L & HEV			
Mariner Hybrid	2009	2010	KCAP		2.5L, 3.0L & HEV			
Fusion	2010	2010	HSAP		2.5L, 3.0L & HEV			
Milan	2010	2010	HSAP		2.5L, 3.0L & HEV			

If SPECS Case, Select all Other Affected Publications:

Changes Needed in Other Pubs:

TSBs to Supersede:

SSMs to Supersede:

20897

ISMs to Supersede:

Other application Articles:

Select the reason for republication:

New Part/Procedure For Same Condition

Procedure verified by CDSID:

jisaacso

Describe How The Procedure Was Verified:

Engineering contained supplier quality issue. Engineering team process.

Do you have access to a vehicle for time study? Yes

If Yes, contact for vehicle CDSID:

jisaacso

Labor Operations:

Are Illustrations Required? Yes

If Yes, Contact information for illustrations:

CDSID(Ford only): jisaacso
Full Name: James Isaacson
Phone: [REDACTED]

Illustration Notes:

Trustmarks affected: Ford, Mercury

Additional Trustmarks To Notify:

Article Distribution: WDMO, Canada, Mexico, United States
DTC Codes and OASIS Service Codes: P0121, P0122, P0221, P0222, P2135, 698298, 803000, 804000

Causal Basic Part # or Finis Code:

Causal Part # or Finis Code	Warranty Condition Codes
19E616	Body: 42

Calibrations List:

White Paper Numbers:

Parts Request Information

Are Parts Required? Yes

QSF Single Agenda Or Program FRC Date:

Parts List:

*Type of Part	*Eng #	*Is This Part a Kit?	*Existing Stock#	*Part Name	*Qty/veh.	*Engineering Est. Qty. Needed
Existing	9L8E-9F991-BC	No	Sell	Electronic Throttle	1	0
1	*Calculated Forecast		*@WERS Notice #	*@WERS Date Released		*@Supplier Company
	0					
@1st Contact	@1st Contact Phone	Source Code	Service #	Replaced SVC #	°Replaced Eng. #	°Is Calibration Needed
			9L8Z-9E926-A	9L8Z-9E926-A	9L8E-9F991-BC	No

Parts catalog flag needed? Yes

Part number(s) that require flag: 9L8E-9F991-BC, 9L8Z-9E926-A

Is geographic location significant? No

Special instructions/remarks: Supplier quality issue. Part number did not change. Parts with Julian date code of ##### should be replaced.

Article Number:

BCM Number:

(End automated email)

CLIMATE CONTROL TEMPERATURE VARIATION FROM SIDE TO SIDE—BUILT BEFORE 12/17/2008

TSB 09-2-3

FORD:
2008-2009 Escape Hybrid, Escape

MERCURY:
2008-2009 Mariner Hybrid, Mariner

ISSUE

Some 2008-2009 Escape, Mariner, Escape Hybrid and Mariner Hybrid vehicles built before 12/17/2008 may exhibit intermittent or erratic side to side temperature difference and/or temp fluctuation from the climate control vents. The concern may be with the temperature blend door actuator.

ACTION

Follow the Service Procedure steps to correct the condition.

SERVICE PROCEDURE

1. Remove temperature blend door actuator(s) per Workshop Manual (WSM), Section 412-01.
2. Inspect the 5 digit manufacturer's date code on the temperature blend door actuator. It will be the last 5 digits on the second line of manufacturer's data. The first three digits equal day of year. The last two digits equal year. (Figure 1)

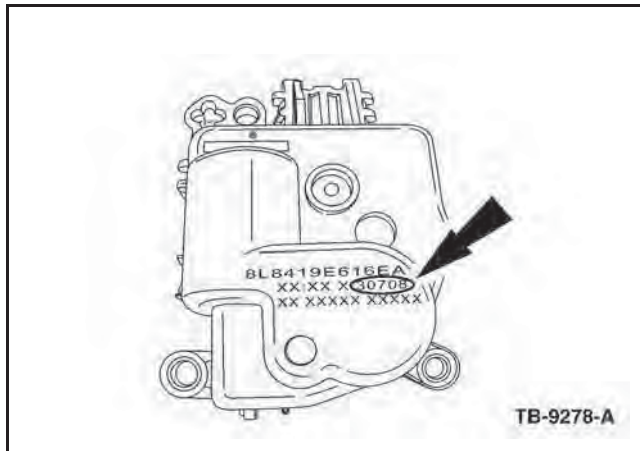


Figure 1 - Article 09-2-3

- a. If the date code is 30708 or lower - replace the temperature blend door actuator assembly.

- b. If the date code is 30808 or higher - reinstall the actuator and continue with normal diagnostics per WSM, Section 412-00.

NOTE

IF THE VEHICLE IS EQUIPPED WITH DUAL AUTOMATIC TEMPERATURE CONTROL (DATC), AND EITHER ONE OF THE ACTUATORS EXHIBITS THIS CONCERN AND HAS SUSPECT DATE CODE, THEN REPLACE BOTH RIGHT (RH) AND LEFT HAND (LH) ACTUATORS AS A SET.

NOTE

INSPECT THE 5 DIGIT MANUFACTURER'S DATE CODE ON THE SERVICE PART BEFORE INSTALLING IN THE VEHICLE.

PART NUMBER	PART NAME
8L8Z-19E616-F	RH/LH Temperature Blend Door Actuator Assembly

WARRANTY STATUS: Eligible Under Provisions Of New Vehicle Limited Warranty Coverage
IMPORTANT: Warranty coverage limits/policies are not altered by a TSB. Warranty coverage limits are determined by the identified causal part.

OPERATION	DESCRIPTION	TIME
090203A	2008-2009 Escape, Mariner, Escape Hybrid, Mariner Hybrid: Inspect Or Replace One Blend Door Actuator Electronic Manual Temperature Control (EMTC) (Do Not Use With 19700D, 19700D6, 14056D5)	1.0 Hr.

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. Warranty Policy and Extended Service Plan documentation determine Warranty and/or Extended Service Plan coverage unless stated otherwise in the TSB article. The information in this Technical Service Bulletin (TSB) was current at the time of printing. Ford Motor Company reserves the right to supersede this information with updates. The most recent information is available through Ford Motor Company's on-line technical resources.

TSB 09-2-3 (Continued)

090203B 2008-2009 Escape,
Mariner, Escape Hybrid,
Mariner Hybrid: Inspect Or
Replace Both Blend Door
Actuators DATC (Do Not
Use With 19700D,
19700D6, 14056D5)

1.1 Hrs.

DEALER CODING

BASIC PART NO.
19E616

CONDITION
CODE
42

From: [REDACTED]
Sent: Friday, September 04, 2009 2:28 PM
To: [REDACTED]
Subject: RE: Proposal for ETB TSB Release

I am getting feedback from the hotline today as to two in the field.
I will cascade the data as soon as I get it!

From: [REDACTED]
Sent: Friday, September 04, 2009 1:15 PM
To: [REDACTED]
Subject: RE: Proposal for ETB TSB Release

I agree with having the TSB all ready to go, but waiting till we know we are seeing the failure in the field before it is submitted for approvals.

From: [REDACTED]
Sent: Friday, September 04, 2009 12:11 PM
To: [REDACTED]
Subject: Proposal for ETB TSB Release

[REDACTED]/team, I personally would like to see a confirmed field return prior to issuing the TSB.

We are hot processing all JUN/JUL/AUG claims and can turn around our thermal cycling analysis in 2-3days.

Everything is in place to execute the TSB so I think we could have is released very quickly.

Per Mark Immonen we have the following sales/warranty stats;

2010 2.5L/2.5L hyb/3.0L Fusion/Escape - June/July vehicles produced 43,268 - June/July vehicles sold 28,156 (as of 8-21-09).

ETB Claims by Month of Production for the above through 8-26-09 AWS Load Date:

5 for Feb, 23 Mar, 4 Apr, 2 May, 5 June, 8 July, and 2 Aug. - for a total of 49 ETB claims.

We have already analyzed 3 of the 8 July claims (TNI after 343 thermal cycles), we have several on track for analysis next week.

We will be sure to let the team know once we have a confirmed failure, team Comments ?

[REDACTED]
Electronic Throttle Body Engineering Supervisor
Bldg-1 Cube 12B115
[REDACTED]

Ford Motor Company

From: [REDACTED]
[REDACTED]

Subject: FW: TSB Request for Input: 087-2009-1872: 2009-2010 ESCAPE/MARINER/& HEV, AND 2010 FUSION/MILAN/& HEV - DIAGNOSTIC TROUBLE CODES P0121, P0122, P0221, P0222, P2135.

Are you both comfortable that publishing a TSB is the right decision?
Tks!

[REDACTED]
Manager, LGDEE OPD/Quality Dept
[REDACTED]

From: [REDACTED]
Sent: Thursday, September 03, 2009 1:31 PM
To: [REDACTED]

Subject: TSB Request for Input: 087-2009-1872: 2009-2010 ESCAPE/MARINER/& HEV, AND 2010 FUSION/MILAN/& HEV - DIAGNOSTIC TROUBLE CODES P0121, P0122, P0221, P0222, P2135.

TSB Request for Input

***** NOTE: The system generated the email. *****

This message is being sent on behalf of JISAACSO.

Please provide review and feedback for the article below. The person requesting this feedback may have provided further direction in the comment section below. Forward/Send any comments via email to the person who sent this email.

General Information

Last action taken (as of 9/3/2009 5:31:18 PM GMT):

Send for engineering input

Comment:

Please review changes submitted by Jose Chacon.

Author:

JISAACSO

Tracking Number:

087-2009-1872

Author Tracking Number:

087-2009-5432

Title: 2009-2010 ESCAPE/MARINER/& HEV, AND 2010 FUSION/MILAN/& HEV - DIAGNOSTIC TROUBLE CODES P0121, P0122, P0221, P0222, P2135.

Article Type: TSB

TSB Issue:

SOME 2009-2010 ESCAPE/MARINER, 2010 FUSION/MILAN AND FUSION/MILAN/ESCAPE/MARINER HYBRID (HEV) (EXCLUDES 3.5L FUSION SPORT) VEHICLES MAY EXHIBIT AN 'ELECTRONIC THROTTLE CONTROL (ETC) ENGINE FAILSAFE MODE' WARNING, WRENCH LIGHT ON DISPLAYED IN THE MESSAGE CENTER OR INSTRUMENT PANEL AND AMBER ELECTRONIC THROTTLE CONTROL (ETC) WARNING LAMP ON WITH MULTIPLE ETC DIAGNOSTIC TROUBLE CODES (P0121, P0122, P0221, P0222, P2135) PRESENT IN THE POWER CONTROL MODULE (PCM). DRIVEABILITY SYMPTOMS MAY INCLUDE ROUGH IDLE, POOR ACCELERATION, LOW RPM DROP AND LACK OF THROTTLE RESPONSE. THIS MAY BE ATTRIBUTED TO THE ELECTRONIC THROTTLE BODY HARDWARE. IF THIS CONDITION OCCURS PROCEED WITH TSB SERVICE ACTION.

TSB Action:

Follow the Service Procedure steps to correct the condition.

TSB Service Procedure:

1) VERIFY DTC'S P0121, P0122, P0221, P0222, P2135 ARE PRESENT. IF THEY ARE PRESENT, CONTINUE TO STEP 2.

2) IF THE VEHICLE BUILD DATE IS FROM ##### TO #####, CONTINUE TO STEP 3. IF THE VEHICLE BUILD DATE IS NOT FROM ##### TO #####, REFER TO PCED FOR FURTHER DIAGNOSTICS.

3) INSPECT THE ELECTRONIC THROTTLE BODY BUILD DATE, REFER TO PIC #1. IF THE BUILD DATE IS BEFORE SEPTEMBER OF 2009, OR #####, REPLACE THE ELECTRONIC THROTTLE BODY PER THE WORKSHOP MANUAL.

Category: Service Fix (10 years - TSB Only)

Request Type: QSF

Would this make a good cost save business case? Yes

Activity Code: 087 Powertrain Engine

Vehicle Applications:

Vehicle Lines	Model Year Start	Model Year End	Assembly Plants	Body Styles	Engine	Trans Axles	Build From	Build To
Escape	2009	2010	KCAP		2.5L, 3.0L & HEV			
Escape Hybrid	2009	2010	KCAP		2.5L, 3.0L & HEV			
Mariner	2009	2010	KCAP		2.5L, 3.0L & HEV			
Mariner Hybrid	2009	2010	KCAP		2.5L, 3.0L & HEV			

Fusion	2010	2010	HSAP		2.5L, 3.0L & HEV			
Milan	2010	2010	HSAP		2.5L, 3.0L & HEV			

If SPECS Case, Select all Other Affected Publications:

Changes Needed in Other Pubs:

TSBs to Supersede:

SSMs to Supersede: 20897

ISMs to Supersede:

Other application Articles:

Select the reason for republication: New Part/Procedure For Same Condition

Procedure verified by CDSID: jisaacso

Describe How The Procedure Was Verified: Engineering contained supplier quality issue.
Engineering team process.

Do you have access to a vehicle for time study? Yes

If Yes, contact for vehicle CDSID: jisaacso

Labor Operations:

Are Illustrations Required? Yes

If Yes, Contact information for illustrations:

CDSID(Ford only): jisaacso

Full Name: James Isaacson

Phone: [REDACTED]

Illustration Notes:

Trustmarks affected: Ford, Mercury

Additional Trustmarks To Notify:

Article Distribution: WDMO, Canada, Mexico, United States

DTC Codes and OASIS Service Codes: P0121, P0122, P0221, P0222, P2135, 698298, 803000, 804000

Causal Basic Part # or Finis Code:

Causal Part # or Finis Code	Warranty Condition Codes
19E616	Body: 42

Calibrations List:

White Paper Numbers:

Parts Request Information

Are Parts Required? Yes

QSF Single Agenda Or Program FRC Date:

Parts List:

1	*Type of Part	*Eng #	*Is This Part a Kit?	*Existing Stock#	*Part Name	*Qty/veh.	*Engineering Est. Qty. Needed

Existing	9L8E-9F991-BC	No	Sell	Electronic Throttle	1	0
*Calculated Forecast		*@WERS Notice #		*@WERS Date Released		*@Supplier Company
0						
@1st Contact	@1st Contact Phone	Source Code	Service #	Replaced SVC #	°Replaced Eng. #	°Is Calibration Needed
			9L8Z-9E926-A	9L8Z-9E926-A	9L8E-9F991-BC	No

Parts catalog flag needed?

Yes

Part number(s) that require flag:

9L8E-9F991-BC, 9L8Z-9E926-A

Is geographic location significant?

No

Special instructions/remarks:

Supplier quality issue. Part number did not change. Parts with Julian date code of ##### should be replaced.

Article Number:

BCM Number:

(End automated email)

From: [REDACTED]
Sent: Thursday, October 22, 2009 11:42 PM
To: [REDACTED]
Subject: RE: TSB Courtesy Copy: 087-2009-1872: 2009-2010 Escape/Mariner And Hybrid/2010 Fusion/Milan And Hybrid - Built Between 6/22/2009 - 10/15/2009 - MIL On With DTC P2135

The item driving this TSB is the via hole issue. All of our confirmed claims for the via hole have P2135. One also had a P2111.

The chip timing error can set P0122/3 or P0222/3 codes, but those codes can also indicate a wire harness issue. So, we didn't want a "directed repair" there.

There continues to be a lot of discussion about this -1872 TSB. There's a follow-up meeting tomorrow afternoon at 3:30 if you're interested.

Sincerely,

[REDACTED]
*PD Supervisor - Component C Current Quality
& Rawsonville Resident Engrg - Engine
(Components = Air Metering, Fuel Metering, Ignition, ESMS)
Ford Motor Company - Bldg #1*
[REDACTED]

From: [REDACTED]
Sent: Thursday, October 22, 2009 12:22 PM
To: [REDACTED]
Subject: FW: TSB Courtesy Copy: 087-2009-1872: 2009-2010 Escape/Mariner And Hybrid/2010 Fusion/Milan And Hybrid - Built Between 6/22/2009 - 10/15/2009 - MIL On With DTC P2135

Scott, is this the ETB chip concern driving this TSB? I thought we were getting circuit codes (P0122 or P0222) for this concern.

[REDACTED]
Powertrain Quality
Ford Motor Company
Building 2 / 24K36
[REDACTED]

From: [REDACTED]
Sent: Thursday, October 22, 2009 11:42 AM
To: [REDACTED]

Subject: TSB Courtesy Copy: 087-2009-1872: 2009-2010 Escape/Mariner And Hybrid/2010 Fusion/Milan And Hybrid - Built Between 6/22/2009 - 10/15/2009 - MIL On With DTC P2135

TSB Courtesy Copy

*** NOTE: The system generated the email. Do not reply to this email ***

*** To be removed from this distribution list, please email Robert Klump at rklump@ford.com ***

This message is being sent on behalf of RKLUMP.

This is a courtesy copy of the following article to advise you this article is currently being processed for publication.

General Information

Last action taken (as of 10/22/2009 3:41:34 PM GMT): Accept/Submit to approvers

Comment:

Author: JISAACSO
Tracking Number: 087-2009-1872
Author Tracking Number: 087-2009-5432
Title: 2009-2010 Escape/Mariner And Hybrid/2010 Fusion/Milan And Hybrid - Built Between 6/22/2009 - 10/15/2009 - MIL On With DTC P2135
Article Type: TSB

TSB Issue:

Some 2009-2010 Escape, Mariner, Escape Hybrid, Mariner Hybrid, 2010 Fusion, Milan, Fusion Hybrid, and Milan Hybrid vehicles and built between 6/22/2009 to 10/15/2009 may exhibit a malfunction indicator lamp (MIL) or wrench light on with diagnostic trouble code (DTC) P2135 present in the powertrain control module. The vehicle may also have other electronic throttle body (ETB) related DTC's. Driveability symptoms may include rough idle, poor acceleration, low RPM drop and lack of throttle response. This may be attributed to the electronic throttle body hardware.

TSB Action:

Follow the Service Procedure steps to correct the condition.

TSB Service Procedure:

1. Check the vehicle build.

A. If the vehicle build date is from 6/22/2009 to 10/15/2009 proceed to Step 2.

B. If the vehicle build date is not from 6/22/2009 to 10/15/2009, refer to PC/ED for further diagnostics.

2. Replace the ETB per the Workshop Manual (WSM), Section 303-04.

Category: Service Fix (10 years - TSB Only)

Request Type: Non-QSF

Would this make a good cost save business case? No

Activity Code: 087 Powertrain Engine

Vehicle Applications:

Vehicle Lines	Model Year Start	Model Year End	Assembly Plants	Body Styles	Engine	Trans Axles	Build From	Build To
---------------	------------------	----------------	-----------------	-------------	--------	-------------	------------	----------

Escape	2009	2009	KCAP		2.5L, 3.0L & HEV		6/22/2009	10/15/2009
Escape Hybrid	2009	2009	KCAP		2.5L, 3.0L & HEV		6/22/2009	10/15/2009
Mariner	2009	2009	KCAP		2.5L, 3.0L & HEV		6/22/2009	10/15/2009
Mariner Hybrid	2009	2009	KCAP		2.5L, 3.0L & HEV		6/22/2009	10/15/2009
Fusion	2010	2010	HSAP		2.5L, 3.0L & HEV		6/22/2009	10/15/2009
Milan	2010	2010	HSAP		2.5L, 3.0L & HEV		6/22/2009	10/15/2009

If SPECS Case, Select all Other Affected Publications:

Changes Needed in Other Pubs:

TSBs to Supersede:

SSMs to Supersede:

ISMs to Supersede:

Other application Articles:

Select the reason for republication:

Procedure verified by CDSID:

jisaacso

Describe How The Procedure Was Verified:

Engineering contained supplier quality issue. Engineering team process.

Do you have access to a vehicle for time study?

Yes

If Yes, contact for vehicle CDSID:

jisaacso

Are Illustrations Required?

No

If Yes, Contact information for illustrations:

CDSID(Ford only):

jisaacso

Full Name:

[REDACTED]

Phone:

Illustration Notes:

Trustmarks affected:

Ford, Mercury

Additional Trustmarks To Notify:

Article Distribution:

WDMO, Canada, Mexico, United States

DTC Codes and OASIS Service Codes:

P2135, 698298

Causal Basic Part # or Finis Code:

Causal Part # or Finis Code	Warranty Condition Codes
9e926	Powertrain: 42

Calibrations List:

White Paper Numbers:

Parts Request Information

Are Parts Required?

Yes

QSF Single Agenda Or Program FRC Date:

Parts List:

	*Type of Part	*Eng #	*Is This Part a Kit?	*Existing Stock#	*Part Name	*Qty/veh.	*Engineering Est. Qty. Needed
1	Existing	9L8E-9F991-BC	No	Sell	Electronic Throttle	1	1
	*Calculated Forecast		*@WERS Notice #		*@WERS Date Released		*@Supplier Company

17						
@1st Contact	@1st Contact Phone	Source Code	Service #	Replaced SVC #	Replaced Eng. #	Is Calibration Needed
			9L8Z-9E926-A			No

Parts catalog flag needed?

No

Part number(s) that require flag:

Is geographic location significant?

No

Special instructions/remarks:

This TSB will not increase the number of ETB's replaced.

Article Number:

BCM Number:

(End automated email)

From: [REDACTED]
Sent: Friday, October 23, 2009 2:30 PM
To: [REDACTED]
Subject: RE: TSB Courtesy Copy: 087-2009-1872: 2009-2010 Escape/Mariner And Hybrid/2010 Fusion/Milan And Hybrid - Built Between 6/22/2009 - 10/15/2009 - MIL On With DTC P2135

Does it include 6/22 & 10/15?
Assuming yes, my suggestions are in red below. We don't usually spell out DTCs.

From: [REDACTED]
Sent: Friday, October 23, 2009 1:25 PM
To: [REDACTED]
Subject: RE: TSB Courtesy Copy: 087-2009-1872: 2009-2010 Escape/Mariner And Hybrid/2010 Fusion/Milan And Hybrid - Built Between 6/22/2009 - 10/15/2009 - MIL On With DTC P2135

Your thoughts ?

Some 2009-2010 Escape, Mariner, Escape Hybrid, Mariner Hybrid, 2010 Fusion, Milan, Fusion Hybrid, and Milan Hybrid vehicles, built **on or** between 6/22/2009 - 10/15/2009, may exhibit a malfunction indicator lamp (MIL) or wrench light with Diagnostic Trouble Code (DTC) P2135. DTCs P2111 **and/or** P0122 **may also be present**. Drivability symptoms may include intermittent rough idle, idle speed below specification and/or lack of power. This concern may be attributed to Electronic Throttle **Body** (ETB) hardware. If vehicle **ONLY** exhibits Diagnostic Trouble Codes P2111 or P0122 follow normal PCED Pin Point Test diagnostics.

TSB Service Procedure:

1. **Check for DTCs and confirm vehicle build date. Is DTC P2135 present and vehicle built on/between 6/22/09-10/15/09?**
 - A. **Yes** - proceed to Step 2.
 - B. **No** - **TSB does not apply**. Refer to PC/ED Pin Point Test DV for appropriate diagnostic routines.
2. Replace the ETB per the Workshop Manual (WSM), Section 303-04.

[REDACTED]
PT Quality Engineering
[REDACTED]

From: [REDACTED]
Sent: Thursday, October 22, 2009 11:42 AM
To: [REDACTED]

Subject: TSB Courtesy Copy: 087-2009-1872: 2009-2010 Escape/Mariner And Hybrid/2010 Fusion/Milan And Hybrid - Built Between 6/22/2009 - 10/15/2009 - MIL On With DTC P2135

TSB Courtesy Copy

***** NOTE: The system generated the email. Do not reply to this email *****
***** To be removed from this distribution list, please email Robert Klump at [REDACTED] *****

This message is being sent on behalf of RKLUMP.
This is a courtesy copy of the following article to advise you this article is currently being processed for publication.

General Information

Last action taken (as of 10/22/2009 3:41:34 PM GMT): Accept/Submit to approvers
Comment:

Author: JISAACSO
Tracking Number: 087-2009-1872
Author Tracking Number: 087-2009-5432
Title: 2009-2010 Escape/Mariner And Hybrid/2010 Fusion/Milan And Hybrid - Built Between 6/22/2009 - 10/15/2009 - MIL On With DTC P2135
Article Type: TSB

TSB Issue:
Some 2009-2010 Escape, Mariner, Escape Hybrid, Mariner Hybrid, 2010 Fusion, Milan, Fusion Hybrid, and Milan Hybrid vehicles and built between 6/22/2009 to 10/15/2009 may exhibit a malfunction indicator lamp (MIL) or wrench light on with diagnostic trouble code (DTC) P2135 present in the powertrain control module. The vehicle may also have other electronic throttle body (ETB) related DTC's. Driveability symptoms may include rough idle, poor acceleration, low RPM drop and lack of throttle response. This may be attributed to the electronic throttle body hardware.

TSB Action:
Follow the Service Procedure steps to correct the condition.

TSB Service Procedure:
1. Check the vehicle build.

A. If the vehicle build date is from 6/22/2009 to 10/15/2009 proceed to Step 2.

B.If the vehicle build date is not from 6/22/2009 to 10/15/2009, refer to PC/ED for further diagnostics.

2. Replace the ETB per the Workshop Manual (WSM), Section 303-04.

Category: Service Fix (10 years - TSB Only)
Request Type: Non-QSF
Would this make a good cost save business case? No
Activity Code: 087 Powertrain Engine
Vehicle Applications:

Vehicle Lines	Model Year Start	Model Year End	Assembly Plants	Body Styles	Engine	Trans Axles	Build From	Build To
Escape	2009	2009	KCAP		2.5L, 3.0L & HEV		6/22/2009	10/15/2009
Escape Hybrid	2009	2009	KCAP		2.5L, 3.0L & HEV		6/22/2009	10/15/2009
Mariner	2009	2009	KCAP		2.5L, 3.0L & HEV		6/22/2009	10/15/2009
Mariner Hybrid	2009	2009	KCAP		2.5L, 3.0L & HEV		6/22/2009	10/15/2009
Fusion	2010	2010	HSAP		2.5L, 3.0L & HEV		6/22/2009	10/15/2009
Milan	2010	2010	HSAP		2.5L, 3.0L & HEV		6/22/2009	10/15/2009

If SPECS Case, Select all Other Affected Publications:

Changes Needed in Other Pubs:

TSBs to Supersede:

SSMs to Supersede:

ISMs to Supersede:

Other application Articles:

Select the reason for republication:

Procedure verified by CDSID:

Describe How The Procedure Was Verified: jisaacso
 Engineering contained supplier quality issue.
 Engineering team process.

Do you have access to a vehicle for time study? Yes

If Yes, contact for vehicle CDSID: jisaacso

Are Illustrations Required? No

If Yes, Contact information for illustrations:

CDSID(Ford only): jisaacso

Full Name:

Phone:



Illustration Notes:

Trustmarks affected:

Ford, Mercury

Additional Trustmarks To Notify:

Article Distribution:

WDMO, Canada, Mexico, United States

DTC Codes and OASIS Service Codes:



Causal Basic Part # or Finis Code:

Causal Part # or Finis Code	Warranty Condition Codes
9e926	Powertrain: 42

Calibrations List:

White Paper Numbers:

Parts Request Information

Are Parts Required?

Yes

QSF Single Agenda Or Program FRC Date:

Parts List:

*Type of Part	*Eng #	*Is This Part a Kit?	*Existing Stock#	*Part Name	*Qty/veh.	*Engineering Est. Qty. Needed
Existing	9L8E-9F991-BC	No	Sell	Electronic Throttle	1	1
1	*Calculated Forecast	*@WERS Notice #	*@WERS Date Released	*@Supplier Company		
	17					
@1st Contact	@1st Contact Phone	Source Code	Service #	Replaced SVC #	°Replaced Eng. #	°Is Calibration Needed
			9L8Z-9E926-A			No

Parts catalog flag needed?

No

Part number(s) that require flag:

Is geographic location significant?

No

Special instructions/remarks:

This TSB will not increase the number of ETB's replaced.

Article Number:

BCM Number:

(End automated email)

DP12-006

FORD

12/14/2012

Appendix I

Non-Conf TSB Related

09-23-5

From: [REDACTED]
Sent: Friday, November 06, 2009 11:03 AM
To: [REDACTED]
Cc: [REDACTED]
Subject: FW: 087-2009-2122

Team,
Not sure who is editing our TSB so late and not advising about the changes...
But we do NEED the Hybrids to remain on this TSB, Correct?

From: [REDACTED]
Sent: Friday, November 06, 2009 11:02 AM
To: [REDACTED]
Cc: [REDACTED]
Subject: [REDACTED]

[REDACTED]
Confused.

Earlier this morning I received the first attached e-mail... I looked it over and sent it out to the team for final review.



[REDACTED]

Then, later this morning, I received the same TSB for review again... BUT... It dropped off vehicles Fusion and Milan. I did not act fast enough and save the article as, I can no longer see anything in Co-lab on this article at this phase of the process.



[REDACTED]

Now a third?? Changed back?? But the Hybrids were removed...



[REDACTED]

What has changed? Why? Who can and did change this without me??? Will these be published as our team intended and agreed?
These two TSB's really need to go! Can I assist???

[REDACTED]
*Little can be designed to last forever...
Everything can be designed to be serviced.
The customer that matters most, is the one behind a Ford wheel.*

Ford Motor Company
Service Engineering/ V-Engine Engineering

Building 1, 3rd Floor, Cubicle# 13G030
20000 Rotunda Dr., Dearborn, Mi. 48124-4091 USA



From: [REDACTED]
Sent: Friday, November 06, 2009 7:45 AM
To: [REDACTED]
Subject: 087-2009-2122 is ready for just in time collaboration review
Importance: High

YOU MUST RESPOND BY CLOSE OF BUSINESS 11/9/2009

Failure to respond by the deadline is considered approval of the article as written.

*** DO NOT REPLY TO THIS NOTE ***

The following Technical Service Bulletin (TSB) is available for viewing at:

[REDACTED]

Concern Tracking Number: 087-2009-2122

Description: Malfunction Indicator Lamp (MIL) On With Diagnostic Trouble Code (DTC) P2135
- Built Between 6/22/2009 - 10/15/2009 .

Vehicles: Escape, Escape Hybrid, Fusion, Mariner, Mariner Hybrid, Milan

Review all articles that pertain to your area of responsibility for accuracy and completeness and select ONE of the following:

1. Approve the article as written
2. Approve the article with edits

Note: If a vehicle line or model year has been excluded from the article select this option and list the vehicle line(s) that should be added.

3. Reject the article with attached reason

If this message should not have been sent to this address please forward it to



**MALFUNCTION INDICATOR LAMP (MIL) ON WITH
DIAGNOSTIC TROUBLE CODE (DTC) P2135—BUILT
BETWEEN 6/22/2009—10/15/2009**

**Concern
Tracking#
087-2009-2122**

FORD:

2010 Fusion
2009 Escape Hybrid, Escape

MERCURY:

2010 Milan
2009 Mariner Hybrid, Mariner

ISSUE

Some 2009-2010 Escape, Mariner, Escape Hybrid, Mariner Hybrid, 2010 Fusion, Milan, Fusion Hybrid, and Milan Hybrid vehicles, built on or between 6/22/2009 - 10/15/2009, may exhibit a malfunction indicator lamp (MIL) or wrench light with diagnostic trouble code (DTC) P2135. DTCs P2111 and/or P0122 may also be present. Drivability symptoms may include intermittent rough idle, idle speed below specification and/or reduced power. This concern may be attributed to Electronic Throttle Body (ETB) hardware. If the vehicle only exhibits DTCs P2111 or P0122 follow normal Powertrain Controls/Emissions Diagnosis (PC/ED) pinpoint test (PPT) diagnostics.

ACTION

Follow the Service Procedure steps to correct the condition.

SERVICE PROCEDURE

1. Check for DTCs and confirm vehicle build date. Is DTC P2135 present and vehicle built on or between 6/22/09-10/15/09?
 - a. Yes - proceed to Step 2.
 - b. No - Procedure does not apply. Refer to PC/ED PPT DV for appropriate diagnostic routines.
2. Replace the ETB per the Workshop Manual (WSM), Section 303-04.

PART NUMBER	PART NAME
9L8Z-9E926-A	Electronic Throttle Body

WARRANTY STATUS: Eligible Under Provisions Of New Vehicle Limited Warranty Coverage
IMPORTANT: Warranty coverage limits/policies are not altered by a TSB. Warranty coverage limits are determined by the identified causal part.

OPERATION	DESCRIPTION	TIME
0870922A	2009 Escape, Escape Hybrid, Mariner, Mariner Hybrid: Replace The ETB, Includes Time To Check And Clear Codes (Do Not Use With Any Other Operations)	0.6 Hr.
0870922A	2010 Fusion, Fusion Hybrid, Milan, Milan Hybrid 2.5L Engine: Replace The ETB, Includes Time To Check And Clear Codes (Do Not Use With Any Other Operations)	0.6 Hr.
0870922A	2010 Fusion, Milan 3.0L Engine: Replace The ETB, Includes Time To Check And Clear Codes (Do Not Use With Any Other Operations)	0.8 Hr.

DEALER CODING

BASIC PART NO.
9E926

OASIS CODES: 600000, 698298

CONDITION
CODE
42

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. Warranty Policy and Extended Service Plan documentation determine Warranty and/or Extended Service Plan coverage unless stated otherwise in the TSB article. The information in this Technical Service Bulletin (TSB) was current at the time of printing. Ford Motor Company reserves the right to supercede this information with updates. The most recent information is available through Ford Motor Company's on-line technical resources.

From: [REDACTED]
Sent: Friday, November 06, 2009 9:41 AM
To: [REDACTED]
Subject: 087-2009-2122 is ready for just in time collaboration review
Importance: High

YOU MUST RESPOND BY CLOSE OF BUSINESS 11/9/2009

Failure to respond by the deadline is considered approval of the article as written.

*** DO NOT REPLY TO THIS NOTE ***

The following Technical Service Bulletin (TSB) is available for viewing at:

[REDACTED]

Concern Tracking Number: 087-2009-2122

Description: Malfunction Indicator Lamp (MIL) On With Diagnostic Trouble Code (DTC) P2135
- Built Between 6/22/2009 - 10/15/2009 .

Vehicles: Escape, Mariner

Review all articles that pertain to your area of responsibility for accuracy and completeness and select ONE of the following:

1. Approve the article as written
2. Approve the article with edits

Note: If a vehicle line or model year has been excluded from the article select this option and list the vehicle line(s) that should be added.

3. Reject the article with attached reason

If this message should not have been sent to this address please forward it to
[REDACTED].

From: [REDACTED]
Sent: Friday, November 06, 2009 9:52 AM
To: [REDACTED]
Subject: 087-2009-2122 is ready for just in time collaboration review
Importance: High

YOU MUST RESPOND BY CLOSE OF BUSINESS 11/9/2009

Failure to respond by the deadline is considered approval of the article as written.

*** DO NOT REPLY TO THIS NOTE ***

The following Technical Service Bulletin (TSB) is available for viewing at:

[REDACTED]

Concern Tracking Number: 087-2009-2122

Description: Malfunction Indicator Lamp (MIL) On With Diagnostic Trouble Code (DTC) P2135
- Built Between 6/22/2009 - 10/15/2009 .

Vehicles: Escape, Fusion, Mariner, Milan

Review all articles that pertain to your area of responsibility for accuracy and completeness and select ONE of the following:

1. Approve the article as written
2. Approve the article with edits

Note: If a vehicle line or model year has been excluded from the article select this option and list the vehicle line(s) that should be added.

3. Reject the article with attached reason

If this message should not have been sent to this address please forward it to
[REDACTED].

**MALFUNCTION INDICATOR LAMP (MIL) ON WITH
DIAGNOSTIC TROUBLE CODE (DTC) P2135—BUILT
BETWEEN 6/22/2009—10/15/2009**

**Concern
Tracking#
087-2009-2122**

FORD:
2010 Fusion
2009 Escape

MERCURY:
2010 Milan
2009 Mariner

ISSUE

Some 2009-2010 Escape, Mariner, Escape Hybrid, Mariner Hybrid, 2010 Fusion, Milan, Fusion Hybrid, and Milan Hybrid vehicles, built on or between 6/22/2009 - 10/15/2009, may exhibit a malfunction indicator lamp (MIL) or wrench light with diagnostic trouble code (DTC) P2135. DTCs P2111 and/or P0122 may also be present. Drivability symptoms may include intermittent rough idle, idle speed below specification and/or reduced power. This concern may be attributed to Electronic Throttle Body (ETB) hardware. If the vehicle only exhibits DTCs P2111 or P0122 follow normal Powertrain Controls/Emissions Diagnosis (PC/ED) pinpoint test (PPT) diagnostics.

ACTION

Follow the Service Procedure steps to correct the condition.

SERVICE PROCEDURE

1. Check for DTCs and confirm vehicle build date. Is DTC P2135 present and vehicle built on or between 6/22/09-10/15/09?
 - a. Yes - proceed to Step 2.
 - b. No - Procedure does not apply. Refer to PC/ED PPT DV for appropriate diagnostic routines.
2. Replace the ETB per the Workshop Manual (WSM), Section 303-04.

WARRANTY STATUS: Eligible Under Provisions Of New Vehicle Limited Warranty Coverage And Emissions Warranty Coverage
IMPORTANT: Warranty coverage limits/policies are not altered by a TSB. Warranty coverage limits are determined by the identified causal part.

OPERATION	DESCRIPTION	TIME
0870922A	2009 Escape, Escape Hybrid, Mariner, Mariner Hybrid: Replace The ETB, Includes Time To Check And Clear Codes (Do Not Use With Any Other Operations)	0.6 Hr.
0870922A	2010 Fusion, Fusion Hybrid, Milan, Milan Hybrid 2.5L Engine: Replace The ETB, Includes Time To Check And Clear Codes (Do Not Use With Any Other Operations)	0.6 Hr.
0870922A	2010 Fusion, Milan 3.0L Engine: Replace The ETB, Includes Time To Check And Clear Codes (Do Not Use With Any Other Operations)	0.8 Hr.

DEALER CODING

BASIC PART NO.
9E926

OASIS CODES: 600000, 698298

CONDITION
CODE
42

PART NUMBER	PART NAME
9L8Z-9E926-A	Electronic Throttle Body

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. Warranty Policy and Extended Service Plan documentation determine Warranty and/or Extended Service Plan coverage unless stated otherwise in the TSB article. The information in this Technical Service Bulletin (TSB) was current at the time of printing. Ford Motor Company reserves the right to supercede this information with updates. The most recent information is available through Ford Motor Company's on-line technical resources.

From: [REDACTED]
Sent: Tuesday, November 10, 2009 3:19 PM
To: [REDACTED]
Subject: FW: TSB 09-23-5 2009-2010 Escape/Mariner And Hybrid/2010 Fusion/Milan And Hybrid - Built Between 6/22/2009 - 10/15/2009 - MIL On With DTC P2135

FYi....

From: [REDACTED]
Sent: Tuesday, November 10, 2009 2:48 PM
To: [REDACTED]
Subject: FW: TSB 09-23-5 2009-2010 Escape/Mariner And Hybrid/2010 Fusion/Milan And Hybrid - Built Between 6/22/2009 - 10/15/2009 - MIL On With DTC P2135

Hot off the press !!

[REDACTED]
PT Quality Engineering
[REDACTED]

From: [REDACTED]
Sent: Tuesday, November 10, 2009 1:40 PM
To: [REDACTED]
Subject: TSB 09-23-5 2009-2010 Escape/Mariner And Hybrid/2010 Fusion/Milan And Hybrid - Built Between 6/22/2009 - 10/15/2009 - MIL On With DTC P2135

TSB Approved and Released

*** NOTE: The system generated the email. Do not reply to this email ***

*** To be removed from this distribution list, please email Robert Klump at [REDACTED]

This message is being sent on behalf of GSMITH53.

This is a courtesy copy of the following article to advise you this article has been approved and released.

General Information

Last action taken (as of 11/10/2009 6:39:58 PM Final/Complete

GMT):

Comment:

Author: JISAACSO
Tracking Number: 087-2009-2122
Author Tracking Number: 087-2009-5432
Title: 2009-2010 Escape/Mariner And Hybrid/2010 Fusion/Milan And Hybrid - Built Between 6/22/2009 - 10/15/2009 - MIL On With DTC P2135
Article Type: TSB

TSB Issue:
 Some 2009-2010 Escape, Mariner, Escape Hybrid, Mariner Hybrid, 2010 Fusion, Milan, Fusion Hybrid, and Milan Hybrid vehicles, built on or between 6/22/2009 - 10/15/2009, may exhibit a malfunction indicator lamp (MIL) or wrench light with diagnostic trouble code (DTC) P2135. DTCs P2111 and/or P0122 may also be present. Drivability symptoms may include intermittent rough idle, idle speed below specification and/or reduced power. This concern may be attributed to Electronic Throttle Body (ETB) hardware. If the vehicle only exhibits DTCs P2111 or P0122 follow normal Powertrain Controls/Emissions Diagnosis (PC/ED) pinpoint test (PPT) diagnostics.

TSB Action:
 Follow the Service Procedure steps to correct the condition.

TSB Service Procedure:
 1. Check for DTCs and confirm vehicle build date. Is DTC P2135 present and vehicle built on/between 6/22/2009-10/15/2009?

- A. Yes - proceed to Step 2.
 - B. No - TSB does not apply. Refer to PC/ED Pin Point Test DV for appropriate diagnostic routines.
2. Replace the ETB per the Workshop Manual (WSM), Section 303-04.

Category: Service Fix (10 years - TSB Only)
Request Type: Non-QSF
Would this make a good cost save business case? No
Activity Code: 087 Powertrain Engine

Vehicle Applications:

Vehicle Lines	Model Year Start	Model Year End	Assembly Plants	Body Styles	Engine	Trans Axles	Build From	Build To
Fusion	2010	2010	HSAP		2.5L, 3.0L & HEV		6/22/2009	10/15/2009
Milan	2010	2010	HSAP		2.5L, 3.0L & HEV		6/22/2009	10/15/2009
Escape	2009	2010	KCAP				6/22/2009	10/15/2009
Mariner	2009	2010	KCAP				6/22/2009	10/15/2009

If SPECS Case, Select all Other Affected

Publications:

Changes Needed in Other Pubs:

TSBs to Supersede:

SSMs to Supersede:

ISMs to Supersede:

Other application Articles:

Select the reason for republication:

Procedure verified by CDSID:

jisaacso

Describe How The Procedure Was Verified:

Engineering contained supplier quality issue.
Engineering team process.

Do you have access to a vehicle for time study? Yes

If Yes, contact for vehicle CDSID:

jisaacso

Labor Operations:

Labor Operation	Description	Time
A	2009-2010 Escape, Escape Hybrid, Mariner, Mariner Hybrid: Replace The ETB, Includes Time To Check And Clear Codes (Do Not Use With Any Other Operations)	0.6
A	2010 Fusion, Fusion Hybrid, Milan, Milan Hybrid 2.5L Engine: Replace The ETB, Includes Time To Check And Clear Codes (Do Not Use With Any Other Operations)	0.6
A	2010 Fusion, Milan 3.0L Engine: Replace The ETB, Includes Time To Check And Clear Codes (Do Not Use With Any Other Operations)	0.8

Are Illustrations Required?

No

If Yes, Contact information for illustrations:

CDSID(Ford only):

jisaacso

Full Name:



Phone:

Illustration Notes:

Trustmarks affected:

Ford, Mercury

Additional Trustmarks To Notify:

Article Distribution:

WDMO, Canada, Mexico, United States

DTC Codes and OASIS Service Codes:

P2135, 600000, 698298

Causal Basic Part # or Finis Code:

Causal Part # or Finis Code	Warranty Condition Codes
9e926	Powertrain: 42

Calibrations List:

White Paper Numbers:

Parts Request Information

Are Parts Required?

Yes

QSF Single Agenda Or Program FRC Date:

Parts List:

1	*Type of Part	*Eng #	*Is This Part a Kit?	*Existing Stock#	*Part Name	*Qty/veh.	*Engineering Est. Qty. Needed	
	Existing	9L8E-9F991-BC	No	Sell	Electronic Throttle	1	1	
	*Calculated Forecast	*@WERS Notice #		*@WERS Date Released		*@Supplier Company		
	17							
	@1st Contact	@1st Contact Phone	Source Code	Service #	Replaced SVC #	°Replaced Eng. #	°Is Calibration Needed	
				9L8Z-9E926-A			No	

Parts catalog flag needed?

No

Part number(s) that require flag:

No

Is geographic location significant?

Special instructions/remarks:

This TSB will not increase the number of ETB's replaced.

Article Number:

09-23-05

BCM Number:

2921

(End automated email)

From: [REDACTED]
Sent: Thursday, October 22, 2009 3:52 PM
To: [REDACTED]

Cc: [REDACTED]
Subject: RE: 2009-2010 Escape/Mariner And Hybrid/2010 Fusion/Milan And Hybrid - Built Between 6/22/2009 - 10/15/2009 - MIL On With DTC P2135

Team, please find corrections to cheat sheet due to typo.

I also do not agree with 2100-2119 DTC's being only ETB related, we have numerous claims on harness/connector/H-bridge which need to be properly diagnosed.



0:00:00
0:00:00

[REDACTED]
Electronic Throttle Body Engineering Supervisor
Bldg-1 Cube 12B115
[REDACTED]

Ford Motor Company

From: [REDACTED]
Sent: Thursday, October 22, 2009 3:12 PM
To: [REDACTED]
Cc: [REDACTED]
Subject: 2009-2010 Escape/Mariner And Hybrid/2010 Fusion/Milan And Hybrid - Built Between 6/22/2009 - 10/15/2009 - MIL On With DTC P2135
When: Friday, October 23, 2009 3:30 PM-4:30 PM (GMT-05:00) Eastern Time (US & Canada).
Where: Bld-1 13C002 (20)
Importance: High

Questions from various groups has placed this TSB on hold...
Please meet to discuss to get this TSB released.
Without full attendance and team agreement, it will get held up!
Thanks.

[REDACTED]
Can you please bring the Gillian date information if we require to insert that into the TSB??
Thanks.

Dial In Conference Call
Southeastern Michigan: 62.13673 (1FORD)
U.K. and Germany: 8.621.3673
(Local FordNet Access Code) + 621.3673
Toll (International): +1.313.621.3673
Toll-free: [REDACTED]
U.K.: [REDACTED]
Germany: [REDACTED]
Participant Passcode [REDACTED]
Netmeeting: Look for cdsid [REDACTED]

From: [REDACTED]
Sent: Thursday, October 22, 2009 2:28 PM
To: [REDACTED]

Subject: RE: Work Notification: 087-2009-1872R1: 2009-2010 Escape/Mariner And Hybrid/2010 Fusion/Milan And Hybrid - Built Between 6/22/2009 - 10/15/2009 - MIL On With DTC P2135

Team,

Attached email is what I sent to [REDACTED]. The agreement back in August was one (1) comprehensive ETB TSB for all known supplier quality issues.

Again...

If part number did not change, then you need to provide dealer a way to differentiate between good/bad parts. QCN to sort service parts does not extend to dealer stock.

Also...

Other concerns have arose since we met in August. Tom Bushman, KCAP PTE Resident, has requested we incorporate the attached ETB vs. Throttle Pedal chart, if possible.

Sincerely,

[REDACTED]
Escape PVI - FCSD Product Concern Engineer
[REDACTED]

From: [REDACTED]
Sent: Thursday, October 22, 2009 2:15 PM
To: [REDACTED]

Subject: FW: Work Notification: 087-2009-1872R1: 2009-2010 Escape/Mariner And Hybrid/2010 Fusion/Milan And Hybrid - Built Between 6/22/2009 - 10/15/2009 - MIL On With DTC P2135

Team,

Need some help here..

Reject and return to author

Comment:

Per [REDACTED] at FCSD: Please reject this TSB. The team agreement was to publish one (1) Electronic Throttle Body TSB that included SSM 20897 in format.

The TSB should be opened to include all 2009-2010MY EM & 2010MY F/M built on/before 10/15/09.

From: [REDACTED]

Sent: Thursday, October 22, 2009 2:04 PM

To: [REDACTED]

Subject: Work Notification: 087-2009-1872R1: 2009-2010 Escape/Mariner And Hybrid/2010 Fusion/Milan And Hybrid - Built Between 6/22/2009 - 10/15/2009 - MIL On With DTC P2135

Work Notification

***** NOTE: The system generated the email. Do not reply to this email *****

You have some work to complete in the Technical Web Authoring System. Please review this information and complete the required work in your TWAS workbox as soon as possible.

Title:	2009-2010 Escape/Mariner And Hybrid/2010 Fusion/Milan And Hybrid - Built Between 6/22/2009 - 10/15/2009 - MIL On With DTC P2135
Last act and comments by:	BBRADCOSas of 10/22/2009 6:04:19 PM GMT
Last action:	Reject and return to author
Comment:	Per Jennifer Querio at FCSD: Please reject this TSB. The team agreement was to publish one (1) Electronic Throttle Body TSB that included SSM 20897 in format. The TSB should be opened to include all 2009-2010MY EM & 2010MY F/M built on/before 10/15/09.

Select this URL to access this instance of work:

[REDACTED]

Select this URL to access your Workbox:

[REDACTED]

(End automated email)

ETB / Throttle Pedal Fault Code Cheat Sheet

Electronic Throttle Body (ETB) Fault Codes:

Don't Agree

P2100 thru P2119, referencing Circuit "A", "B", or "C".

These faults can be caused by harness/connector, h-bridge faults

Agree

P2135 thru P2137, referencing Circuit "A", "B", or "C".

Recommendation: Change ETB

Throttle Pedal Fault Codes:

P2120 thru P2134, referencing Circuit "D", "E", or "F".

P2138 thru P2140, referencing Circuit "D", "E", or "F".

Recommendation: Change Throttle Pedal

From: [REDACTED]
Sent: Wednesday, November 11, 2009 7:06 AM
To: [REDACTED]
Subject: RE: TSB 09-23-5 2009-2010 Escape/Mariner And Hybrid/2010 Fusion/Milan And Hybrid - Built Between 6/22/2009 - 10/15/2009 - MIL On With DTC P2135
Attachments: Top MIL 2010MY.ppt

This TB concern has hit our 2010 MY MIL warranty pretty hard – it's the #1 item (per attached DTC pivot table). The P2111 claims counts are mostly duplicate VINs with the P2135 counts.

Scott do we have an 8D from Delphi on this? Also, is there a BSAQ project in the system for this?

Cynthia, please update the Controls/Calibration top 20 list for this item. Thanks.

[REDACTED]
Powertrain Quality
Ford Motor Company
Building 2 / 24K36
[REDACTED]

From: [REDACTED]
Sent: Tuesday, November 10, 2009 2:48 PM
To: [REDACTED]
Subject: FW: TSB 09-23-5 2009-2010 Escape/Mariner And Hybrid/2010 Fusion/Milan And Hybrid - Built Between 6/22/2009 - 10/15/2009 - MIL On With DTC P2135

Hot off the press !!

[REDACTED]
PT Quality Engineering
[REDACTED]

From: [REDACTED]
Sent: Tuesday, November 10, 2009 1:40 PM
To: [REDACTED]
Subject: TSB 09-23-5 2009-2010 Escape/Mariner And Hybrid/2010 Fusion/Milan And Hybrid - Built Between 6/22/2009 - 10/15/2009 - MIL On With DTC P2135

TSB Approved and Released

*** NOTE: The system generated the email. Do not reply to this email ***

*** To be removed from this distribution list, please email Robert Klump at rklump@ford.com ***

This message is being sent on behalf of GSMITH53.

This is a courtesy copy of the following article to advise you this article has been approved and released.

General Information

Last action taken (as of 11/10/2009 6:39:58 PM GMT): Final/Complete

Comment:

Author: JISAACSO
Tracking Number: 087-2009-2122
Author Tracking Number: 087-2009-5432
Title: 2009-2010 Escape/Mariner And Hybrid/2010 Fusion/Milan And Hybrid - Built Between 6/22/2009 - 10/15/2009 - MIL On With DTC P2135
Article Type: TSB

TSB Issue:

Some 2009-2010 Escape, Mariner, Escape Hybrid, Mariner Hybrid, 2010 Fusion, Milan, Fusion Hybrid, and Milan Hybrid vehicles, built on or between 6/22/2009 - 10/15/2009, may exhibit a malfunction indicator lamp (MIL) or wrench light with diagnostic trouble code (DTC) P2135. DTCs P2111 and/or P0122 may also be present. Drivability symptoms may include intermittent rough idle, idle speed below specification and/or reduced power. This concern may be attributed to Electronic Throttle Body (ETB) hardware. If the vehicle only exhibits DTCs P2111 or P0122 follow normal Powertrain Controls/Emissions Diagnosis (PC/ED) pinpoint test (PPT) diagnostics.

TSB Action:

Follow the Service Procedure steps to correct the condition.

TSB Service Procedure:

1. Check for DTCs and confirm vehicle build date. Is DTC P2135 present and vehicle built on/between 6/22/2009-10/15/2009?

A. Yes - proceed to Step 2.

B. No - TSB does not apply. Refer to PC/ED Pin Point Test DV for appropriate diagnostic routines.

2. Replace the ETB per the Workshop Manual (WSM), Section 303-04.

Category: Service Fix (10 years - TSB Only)
Request Type: Non-QSF
Would this make a good cost save business case? No
Activity Code: 087 Powertrain Engine

Vehicle Applications:

Vehicle Lines	Model Year Start	Model Year End	Assembly Plants	Body Styles	Engine	Trans Axles	Build From	Build To
Fusion	2010	2010	HSAP		2.5L, 3.0L & HEV		6/22/2009	10/15/2009
Milan	2010	2010	HSAP		2.5L, 3.0L & HEV		6/22/2009	10/15/2009
Escape	2009	2010	KCAP				6/22/2009	10/15/2009
Mariner	2009	2010	KCAP				6/22/2009	10/15/2009

If SPECS Case, Select all Other Affected Publications:

Changes Needed in Other Pubs:

TSBs to Supersede:

SSMs to Supersede:

ISMs to Supersede:

Other application Articles:

Select the reason for republication:

Procedure verified by CDSID:

jisaacso

Describe How The Procedure Was Verified:

Engineering contained supplier quality issue. Engineering team process.

Do you have access to a vehicle for time study?

Yes

If Yes, contact for vehicle CDSID:

jisaacso

Labor Operations:

Labor Operation	Description	Time
A	2009 2010 Escape, Escape Hybrid, Mariner, Mariner Hybrid: Replace The ETB, Includes Time To Check And Clear Codes (Do Not Use With Any Other Operations)	0.6
A	2010 Fusion, Fusion Hybrid, Milan, Milan Hybrid 2.5L Engine: Replace The ETB, Includes Time To Check And Clear Codes (Do Not Use With Any Other Operations)	0.6
A	2010 Fusion, Milan 3.0L Engine: Replace The ETB, Includes Time To Check And Clear Codes (Do Not Use With Any Other Operations)	0.8

Are Illustrations Required?

No

If Yes, Contact information for illustrations:

CDSID(Ford only):

jisaacso

Full Name:



Phone:

Illustration Notes:

Trustmarks affected:

Ford, Mercury

Additional Trustmarks To Notify:

Article Distribution:

WDMO, Canada, Mexico, United States

DTC Codes and OASIS Service Codes:

P2135, 600000, 698298

Causal Basic Part # or Finis Code:

Causal Part # or Finis Code	Warranty Condition Codes
9e926	Powertrain: 42

Calibrations List:

White Paper Numbers:

Parts Request Information

Are Parts Required?

Yes

QSF Single Agenda Or Program FRC Date:

Parts List:

*Type of Part	*Eng #	*Is This Part a Kit?	*Existing Stock#	*Part Name	*Qty/veh.	*Engineering Est. Qty. Needed
Existing	9L8E 9F991 BC	No	Sell	Electronic Throttle	1	1
1	*Calculated Forecast	*@WERS Notice #		*@WERS Date Released		*@Supplier Company
	17					
@1st Contact	@1st Contact Phone	Source Code	Service #	Replaced SVC #	Replaced Eng. #	Is Calibration Needed
			9L8Z 9E926 A			No

Parts catalog flag needed?

No

Part number(s) that require flag:

Is geographic location significant?

No

Special instructions/remarks:

This TSB will not increase the number of ETB's replaced.

Article Number:

09-23-05

BCM Number:

2921

(End automated email)

Top MIL DTCs – 2010 MY

										2010 Total	Grand Total		
DTC Code	DTC Description	Vehicle Line WERS [VL] Desc	2009-03	2009-04	2009-05	2009-06	2009-07	2009-08	2009-09	2009-10			
P2135	THROTTLE POSITION SENSOR/SWITCH A / B	ESCAPE/TRIBUTE/MARINER-LHD [07-10]						4	20	33	57	57	
		EXPLORER/MOUNTAINEER [01-10]				3	3	2	2		10	10	
		FOCUS (CW170) - N.A. [04-10]								1		1	1
		FUSION/MILAN/MKZ (ZEPHYR) [06-10]	3	11	8	3	13	27	7		73	73	
		MUSTANG (S197) [05-10]	2		1					1		4	4
THROTTLE/PEDAL POSITION SENSOR/SWITCH A / B			5	11	9	6	20	49	44		145	145	
P0456	EVAPORATIVE EMISSION SYSTEM LEAK DETECTED	ESCAPE/TRIBUTE/MARINER-LHD [07-10]						2			1	3	3
		EXPEDITION (U222) [03-10]					1					1	1
		EXPLORER/MOUNTAINEER [01-10]				1			1			2	2
		F250HD/350/450/550 [99-10]						2		1		3	3
		FOCUS (CW170) - N.A. [04-10]						2				2	2
		FORD EDGE/LINCOLN MKX [07-10]				2			1		1	4	4
		FUSION/MILAN/MKZ (ZEPHYR) [06-10]	15	11	6	15	6	10	9		1	80	80
		LINCOLN MKS-SWB/LWB [09-10]						1				1	1
		MUSTANG (S197) [05-10]	1	2	1	6	1					11	11
P221/P397/P415 [04-10]						1				1	1		
EVAPORATIVE EMISSION SYSTEM LEAK DETECTED			16	13	7	24	16	12	10	3	108	108	
P0171	SYSTEM TOO LEAN (BANK 1)	ECONOLINE (VN127) [97-10]							1			1	1
		ESCAPE/TRIBUTE/MARINER-LHD [07-10]							1			1	1
		FLEX (FORD C/O UTILITY) [09-10]							1			1	1
		FOCUS (CW170) - N.A. [04-10]						2	1	2		5	5
		FORD EDGE/LINCOLN MKX [07-10]				1			1			2	2
		FUSION/MILAN/MKZ (ZEPHYR) [06-10]	7	4	4	4	2					25	25
		MUSTANG (S197) [05-10]	5	8	9	6	1	1	1			31	31
		NAVIGATOR (U228) [03-10]							1			1	1
		P221/P397/P415 [04-10]						1	1	1		3	3
SYSTEM TOO LEAN (BANK 1) Total			12	12	13	11	6	8	4		70	70	
P2111	THROTTLE ACTUATOR CONTROL SYSTEM - STUCK	ESCAPE/TRIBUTE/MARINER-LHD [07-10]						2	13	20		35	35
		EXPLORER SPORT TRAC [07-10]									1	1	1
		FOCUS (CW170) - N.A. [04-10]							1			1	1
		FUSION/MILAN/MKZ (ZEPHYR) [06-10]	3		1	1	6	12	2			25	25
		MUSTANG (S197) [05-10]	1								1	1	1
THROTTLE ACTUATOR CONTROL SYSTEM - STUCK			4		1	1	8	26	23	1	64	64	

From: [REDACTED]
Sent: Tuesday, January 05, 2010 10:02 AM
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: TSB Info 087-2009-2122

[REDACTED]

I would start with Michael Chabon and Scott Langley are the main contacts. From my recollection, this TSB attempts to cover to issues with the TPS sensor from the vendor... but I will let Mike and Scott speak to the exact issues.



[REDACTED]

From: [REDACTED]
Sent: Tuesday, January 05, 2010 9:43 AM
To: [REDACTED]
Subject: TSB Info 087-2009-2122

Per our phone conversation:

2009-2010 Escape/Mariner/Fusion/Milan I4 (Gas and Hybrid)

Please send product contact info for the ETC and any info on what caused the concern (why are we replacing ETC's?).

Thanks!!

[REDACTED]
Ford Motor Company
Vehicle Environmental Engineering
Environment, Energy Planning & Compliance
[REDACTED]

Print Friendly Version (TSB)

*** DRAFT ***

Message Request

Article Type: TSB
Title: 2009-2010 Escape/Mariner And Hybrid/2010 Fusion/Milan And Hybrid - Built Between 6/22/2009 - 10/15/2009 - MIL On With DTC P2135
Category: Service Fix (10 years - TSB Only)
Request Type: Non-QSF
Author: JISAACSO
Would this make a good cost save business case? No
Author Tracking Number: 087-2009-5432
TWAS Tracking Number: 087-2009-2122
Activity Code: 087 Powertrain Engine

Vehicle Applications:

Vehicle Lines	Model Year Start	Model Year End	Assembly Plants	Body Styles	Engine	Trans Axles	Build From	Build To
Fusion	2010	2010	HSAP		2.5L, 3.0L & HEV		6/22/2009	10/15/2009
Milan	2010	2010	HSAP		2.5L, 3.0L & HEV		6/22/2009	10/15/2009
Escape	2009	2010	KCAP				6/22/2009	10/15/2009
Mariner	2009	2010	KCAP				6/22/2009	10/15/2009

If SPECS Case, Select all Other Affected Publications:

Changes Needed in Other Pubs:

TSBs to Supersede:

SSMs to Supersede:

ISMs to Supersede:

Other application Articles:

Select the reason for republication:

TSB Issue:

ome 2009-2010 Escape, Mariner, Escape Hybrid, Mariner Hybrid, 2010 Fusion, Milan, Fusion Hybrid, and Milan Hybrid vehicles, built on or between 6/22/2009 - 10/15/2009, may exhibit a malfunction indicator lamp (MIL) or wrench light with diagnostic trouble code (DTC) P2135. DTCs P2111 and/or P0122 may also be present. Drivability symptoms may include intermittent rough idle, idle speed below specification and/or reduced power. This concern may be attributed to Electronic Throttle Body (ETB) hardware. If the vehicle only exhibits DTCs P2111 or P0122 follow normal Powertrain Controls/Emissions Diagnosis (PC/ED) pinpoint test (PPT) diagnostics.

TSB Action:

Follow the Service Procedure steps to correct the condition.

TSB Service Procedure:

1. Check for DTCs and confirm vehicle build date. Is DTC P2135 present and vehicle built on/between 6/22/2009-10/15/2009?

A. Yes - proceed to Step 2.

B. No - TSB does not apply. Refer to PC/ED Pin Point Test DV for appropriate diagnostic routines.

2. Replace the ETB per the Workshop Manual (WSM), Section 303-04.

Procedure verified by CDSID:

jisaacso

Describe How The Procedure Was Verified:

Engineering contained supplier quality issue. Engineering team process.

Do you have access to a vehicle for time study?

Yes

If Yes, contact for vehicle CDSID:

jisaacso

Labor Operations:

Labor Operation	Description	Time

A	2009 2010 Escape, Escape Hybrid, Mariner, Mariner Hybrid: Replace The ETB, Includes Time To Check And Clear Codes (Do Not Use With Any Other Operations)	0.6
A	2010 Fusion, Fusion Hybrid, Milan, Milan Hybrid 2.5L Engine: Replace The ETB, Includes Time To Check And Clear Codes (Do Not Use With Any Other Operations)	0.6
A	2010 Fusion, Milan 3.0L Engine: Replace The ETB, Includes Time To Check And Clear Codes (Do Not Use With Any Other Operations)	0.8

Are Illustrations Required? No

If Yes, Contact information for illustrations:

CDSID(Ford only):

jisaacso

Full Name:

Phone:

Illustration Notes:

Trustmarks affected:

Ford, Mercury

Additional Trustmarks To Notify:

Article Distribution:

WDMO, Canada, Mexico, United States

DTC Codes and OASIS Service Codes:

P2135, 600000, 698298

Causal Basic Part # or Finis Code:

Causal Part # or Finis Code	Warranty Condition Codes
9e926	Powertrain: 42

Calibrations List:

White Paper Numbers:

Parts Request Information

Are Parts Required? Yes

QSF Single Agenda Or Program FRC Date:

Parts List:

*Type of Part	*Eng #	*Is This Part a Kit?	*Existing Stock#	*Part Name	*Qty/veh.	*Engineering Est. Qty. Needed
Existing	9L8E 9F991 BC	No	Sell	Electronic Throttle	1	1
1	*Calculated Forecast	*@WERS Notice #		*@WERS Date Released		*@Supplier Company
	17					
@1st Contact	@1st Contact Phone	Source Code	Service #	Replaced SVC #	°Replaced Eng. #	°Is Calibration Needed
			9L8Z 9E926 A			No

Parts catalog flag needed? No

Part number(s) that require flag:

Is geographic location significant? No

Special instructions/remarks:

This TSB will not increase the number of ETB's replaced.

Approver/Editor Information

Article Number:

09-23-05

BCM Number:

2921

Comment History

GSMITH53 on 11/10/2009 6:39:58 PM (GMT):

Action Taken: Final/Complete (summary sent to:cburkeen, clentini, eless, JISAACSO, JSROKA1, rklump, TCOLQUIT,

RKLUMP on 11/10/2009 4:15:11 PM (GMT):

Action Taken: Collab Complete EDITORFINAL

RKLUMP on 11/10/2009 4:13:39 PM (GMT):

Action Taken: Save Modifications

Yes, both should have Emissions coverage, good catch Bob Craig Burkeen FCSD Warranty Administration Cube 4S-148 Regent Court Bldg. [REDACTED] Dearborn, MI. [REDACTED] phone: [REDACTED] ---Original Message--- From: Klump, Robert (R.F.) Sent: Tuesday, November 10, 2009 10:06 AM To: Burkeen, Doran (D.C.) Subject: FW: TSB Collab - APPROVE: 087-2009-2123 Importance: High Craig, Should this change request be for TSB 087-2009-2122 as 087-2009-2123 is for a base engine knock? Thanks Regards, Robert Klump Global Technical Communications - FCSD TSB Editor & Process Coordinator [REDACTED]

RKLUMP on 11/6/2009 12:52:16 PM (GMT):

Action Taken: Save Modifications

RKLUMP on 11/6/2009 12:46:38 PM (GMT):

Action Taken: Ready for Collab

Collaboration scheduled to be complete by COB 11/9/2009

JQUERIO on 11/5/2009 10:56:39 PM (GMT):

Action Taken: Approve PVT

MWILSO18 on 11/4/2009 3:34:00 PM (GMT):

Action Taken: Approve VEE

RNESBIT1 on 10/29/2009 2:28:37 PM (GMT):

Action Taken: Approve for release (summary sent to:JISAACSO, RNESBIT1)

JSTURGI3 on 10/28/2009 4:54:35 PM (GMT):

Action Taken: Approve TIMESTUDY

JISAACSO on 10/28/2009 12:22:35 PM (GMT):

Action Taken: Approve AUTHOR

APRESCO3 on 10/27/2009 5:48:55 PM (GMT):

Action Taken: Approve ASO

APRESCO3 on 10/27/2009 5:48:10 PM (GMT):

Action Taken: Save Modifications

RKLUMP on 10/27/2009 11:29:23 AM (GMT):

Action Taken: Accept/Submit to approvers (summary sent to:AMURRAY1, bcaines, BTEWS, DCAPOCCI, dhughes1, djones13, dott, druppert, dtedone, DWERTHM1, dwood10, ebell, EHERMANN, esmith3, eyerke, fwood1, HPATEL2, JBOUGHAN, JGARC393, jhansen7, jisaacso, JISAACSO, jpawlosk, JSAIEG, jwillar1, kdobbs, kpietrza, kweaver1, kzeitz, lmanick, mdixon, MSPENCE9, msurella, mtaylor5, MTRAPP, NCERVENA, sabhyank, smcclai1, smcdonag, SSHERER, TGIELEGH, TWHEELE4, WWESTERM, [REDACTED])

SRIVERA5 on 10/26/2009 8:01:07 PM (GMT):

Action Taken: Accept/Submit to Editor

JISAACSO on 10/26/2009 7:30:23 PM (GMT):

Action Taken: Submit for approval

JISAACSO on 10/26/2009 7:30:14 PM (GMT):

Action Taken: Submit for approval

JISAACSO on 10/26/2009 7:29:41 PM (GMT):

Action Taken: Save Modifications

JISAACSO on 10/26/2009 6:53:42 PM (GMT):

Action Taken: Save Modifications



**MALFUNCTION INDICATOR LAMP (MIL) ON WITH
DIAGNOSTIC TROUBLE CODE (DTC) P2135—BUILT
BETWEEN 6/22/2009—10/15/2009**

TSB 09-23-5

FORD:

2010 Fusion
2009-2010 Escape

MERCURY:

2010 Milan
2009-2010 Mariner

ISSUE

Some 2009-2010 Escape, Mariner, Escape Hybrid, Mariner Hybrid, 2010 Fusion, Milan, Fusion Hybrid, and Milan Hybrid vehicles, built on or between 6/22/2009 - 10/15/2009, may exhibit a malfunction indicator lamp (MIL) or wrench light with diagnostic trouble code (DTC) P2135. DTCs P2111 and/or P0122 may also be present. Drivability symptoms may include intermittent rough idle, idle speed below specification and/or reduced power. This concern may be attributed to Electronic Throttle Body (ETB) hardware. If the vehicle only exhibits DTCs P2111 or P0122 follow normal Powertrain Controls/Emissions Diagnosis (PC/ED) pinpoint test (PPT) diagnostics.

ACTION

Follow the Service Procedure steps to correct the condition.

SERVICE PROCEDURE

1. Check for DTCs and confirm vehicle build date. Is DTC P2135 present and vehicle built on or between 6/22/2009-10/15/2009?
 - a. Yes - proceed to Step 2.
 - b. No - Procedure does not apply. Refer to PC/ED PPT DV for appropriate diagnostic routines.
2. Replace the ETB per the Workshop Manual (WSM), Section 303-04.

PART NUMBER	PART NAME
9L8Z-9E926-A	Electronic Throttle Body

WARRANTY STATUS: Eligible Under Provisions Of New Vehicle Limited Warranty Coverage And Emissions Warranty Coverage
IMPORTANT: Warranty coverage limits/policies are not altered by a TSB. Warranty coverage limits are determined by the identified causal part.

OPERATION	DESCRIPTION	TIME
092305A	2009-2010 Escape, Escape Hybrid, Mariner, Mariner Hybrid: Replace The ETB, Includes Time To Check And Clear Codes (Do Not Use With Any Other Operations)	0.6 Hr.
092305A	2010 Fusion, Fusion Hybrid, Milan, Milan Hybrid 2.5L Engine: Replace The ETB, Includes Time To Check And Clear Codes (Do Not Use With Any Other Operations)	0.6 Hr.
092305A	2010 Fusion, Milan 3.0L Engine: Replace The ETB, Includes Time To Check And Clear Codes (Do Not Use With Any Other Operations)	0.8 Hr.

DEALER CODING

BASIC PART NO.
9E926

CONDITION
CODE
42

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. Warranty Policy and Extended Service Plan documentation determine Warranty and/or Extended Service Plan coverage unless stated otherwise in the TSB article. The information in this Technical Service Bulletin (TSB) was current at the time of printing. Ford Motor Company reserves the right to supersede this information with updates. The most recent information is available through Ford Motor Company's on-line technical resources.

From: [REDACTED]
Sent: Tuesday, September 08, 2009 7:46 AM
To: [REDACTED]
Subject: RE: TSB Request for Input: 087-2009-1872(1)

Not yet.
But, it can save us money if we start to see a large issue in the field.

Sincerely,

[REDACTED]
*PD Supervisor - Component C Current Quality
& Rawsonville Resident Engrg - Engine
(Components = Air Metering, Fuel Metering, Ignition, ESMs)
Ford Motor Company - Bldg #1*
[REDACTED]

From: [REDACTED]
Sent: Friday, September 04, 2009 7:59 AM
To: Langley, Scott (C.S.)
Subject: RE: TSB Request for Input: 087-2009-1872: 2009-2010 ESCAPE/MARINER/& HEV, AND 2010 FUSION/MILAN/& HEV - DIAGNOSTIC TROUBLE CODES P0121, P0122, P0221, P0222, P2135.

Do we really need a TSB? [REDACTED]

[REDACTED]
Manager - Component Design C Department
Large Gas & Diesel Engine Engineering
Dearborn - Building 1 - Room 12B092
[REDACTED]

ONE FORD: ONE Plan - ONE Team - ONE Goal

From: [REDACTED]
Sent: Thursday, September 03, 2009 10:14 PM
To: [REDACTED]

Subject: RE: TSB Request for Input: 087-2009-1872: 2009-2010 ESCAPE/MARINER/& HEV, AND 2010 FUSION/MILAN/& HEV - DIAGNOSTIC TROUBLE CODES P0121, P0122, P0221, P0222, P2135.

"I'm pretty confident that we don't want this statement..." DRIVEABILITY SYMPTOMS MAY INCLUDE ROUGH IDLE, POOR ACCELERATION, LOW RPM DROP AND LACK OF THROTTLE RESPONSE. THIS MAY BE ATTRIBUTED TO THE ELECTRONIC THROTTLE BODY HARDWARE. "

We still need to confirm this when we do receive some warranty returns for this issue... but I think the focus needs to be strictly on the aforementioned ETB-related DTC's.

Stay tuned. We've got some ETBs coming back as we speak that might fit this circuit board issue.

Thanks.

Sincerely,

[REDACTED]
*PD Supervisor - Component C Current Quality
& Rawsonville Resident Engrg - Engine
(Components = Air Metering, Fuel Metering, Ignition, ESMS)
Ford Motor Company - Bldg #1*

From: [REDACTED]
Sent: Thursday, September 03, 2009 1:53 PM
To: [REDACTED]
Subject: RE: TSB Request for Input: 087-2009-1872: 2009-2010 ESCAPE/MARINER/& HEV, AND 2010 FUSION/MILAN/& HEV - DIAGNOSTIC TROUBLE CODES P0121, P0122, P0221, P0222, P2135.

Thanks for the input for the changes! It's very appreciated.
I will change as recommended.

From: [REDACTED]
Sent: Thursday, September 03, 2009 1:46 PM
To: [REDACTED]
Subject: RE: TSB Request for Input: 087-2009-1872: 2009-2010 ESCAPE/MARINER/& HEV, AND 2010 FUSION/MILAN/& HEV - DIAGNOSTIC TROUBLE CODES P0121, P0122, P0221, P0222, P2135.

James,

1. Please remove the following statement" . IF THIS CONDITION OCCURS PROCEED WITH TSB SERVICE ACTION. "
2. Title needs to be in title case
3. article text needs to be in sentence case.
4. Step 2 of service procedure spell out PC/ED
5. Step 3 of service procedure please identify WSM procedure number. xxx-xx
6. We do not state "EXCLUDES 3.5L FUSION SPORT) " identify what engines are included like vehicles equipped with 2.3L engine...ect.and a engine is not classified as a HEV please identify correctly.

Regards,

[REDACTED]
Global Technical Communications - FCSD
TSB Editor & Process Coordinator

From: [REDACTED]
Sent: Thursday, September 03, 2009 1:31 PM
To: [REDACTED]

Subject: TSB Request for Input: 087-2009-1872: 2009-2010 ESCAPE/MARINER/& HEV, AND 2010 FUSION/MILAN/& HEV - DIAGNOSTIC TROUBLE CODES P0121, P0122, P0221, P0222, P2135.

TSB Request for Input

***** NOTE: The system generated the email. *****

This message is being sent on behalf of JISAACSO.

Please provide review and feedback for the article below. The person requesting this feedback may have provided further direction in the comment section below. Forward/Send any comments via email to the person who sent this email.

General Information

Last action taken (as of 9/3/2009 5:31:18 PM GMT):

Send for engineering input

Comment:

Please review changes submitted by Jose Chacon.

Author:

JISAACSO

Tracking Number:

087-2009-1872

Author Tracking Number:

087-2009-5432

Title:

2009-2010 ESCAPE/MARINER/& HEV, AND 2010 FUSION/MILAN/& HEV - DIAGNOSTIC TROUBLE CODES P0121, P0122, P0221, P0222, P2135.

Article Type:

TSB

TSB Issue:

SOME 2009-2010 ESCAPE/MARINER, 2010 FUSION/MILAN AND FUSION/MILAN/ESCAPE/MARINER HYBRID (HEV) (EXCLUDES 3.5L FUSION SPORT) VEHICLES MAY EXHIBIT AN ----à'ELECTRONIC THROTTLE CONTROL (ETC) ENGINE FAILSAFE MODE' WARNING, ---àWRENCH LIGHT ON DISPLAYED IN THE MESSAGE CENTER OR INSTRUMENT PANEL AND -à AMBER ELECTRONIC THROTTLE CONTROL (ETC) WARNING LAMP ON WITH MULTIPLE ETC DIAGNOSTIC TROUBLE CODES (P0121, P0122, P0221, P0222, P2135) PRESENT IN THE POWER CONTROL MODULE (PCM). DRIVEABILITY SYMPTOMS MAY INCLUDE ROUGH IDLE, POOR ACCELERATION, LOW RPM DROP AND LACK OF THROTTLE RESPONSE. THIS MAY BE ATTRIBUTED TO THE ELECTRONIC THROTTLE BODY HARDWARE. IF THIS CONDITION OCCURS PROCEED WITH TSB SERVICE ACTION.

TSB Action:

Follow the Service Procedure steps to correct the condition.

TSB Service Procedure:

1) VERIFY DTC'S P0121, P0122, P0221, P0222, P2135 ARE PRESENT. IF THEY ARE

PRESENT, CONTINUE TO STEP 2.

2) IF THE VEHICLE BUILD DATE IS FROM ##### TO #####, CONTINUE TO STEP 3. IF THE VEHICLE BUILD DATE IS NOT FROM ##### TO #####, REFER TO PCED FOR FURTHER DIAGNOSTICS.

3) INSPECT THE ELECTRONIC THROTTLE BODY BUILD DATE, REFER TO PIC #1. IF THE BUILD DATE IS BEFORE SEPTEMBER OF 2009, OR #####, REPLACE THE ELECTRONIC THROTTLE BODY PER THE WORKSHOP MANUAL.

Category: Service Fix (10 years - TSB Only)
Request Type: QSF
Would this make a good cost save business case? Yes
Activity Code: 087 Powertrain Engine
Vehicle Applications:

Vehicle Lines	Model Year Start	Model Year End	Assembly Plants	Body Styles	Engine	Trans Axles	Build From	Build To
Escape	2009	2010	KCAP		2.5L, 3.0L & HEV			
Escape Hybrid	2009	2010	KCAP		2.5L, 3.0L & HEV			
Mariner	2009	2010	KCAP		2.5L, 3.0L & HEV			
Mariner Hybrid	2009	2010	KCAP		2.5L, 3.0L & HEV			
Fusion	2010	2010	HSAP		2.5L, 3.0L & HEV			
Milan	2010	2010	HSAP		2.5L, 3.0L & HEV			

If SPECS Case, Select all Other Affected Publications:

Changes Needed in Other Pubs:

TSBs to Supersede:

SSMs to Supersede:

20897

ISMs to Supersede:

Other application Articles:

Select the reason for republication:

New Part/Procedure For Same Condition

Procedure verified by CDSID:

jisaacso

Describe How The Procedure Was Verified:

Engineering contained supplier quality issue.
Engineering team process.

Do you have access to a vehicle for time study? Yes

If Yes, contact for vehicle CDSID:

jisaacso

Labor Operations:

Are Illustrations Required?

Yes

If Yes, Contact information for illustrations:

CDSID(Ford only):

jisaacso

Full Name:



Phone:

Illustration Notes:

Trustmarks affected:

Ford, Mercury

Additional Trustmarks To Notify:

Article Distribution:

WDMO, Canada, Mexico, United States

DTC Codes and OASIS Service Codes:

P0121, P0122, P0221, P0222, P2135, 698298, 803000, 804000

Causal Basic Part # or Finis Code:

Causal Part # or Finis Code	Warranty Condition Codes
19E616	Body: 42

Calibrations List:

White Paper Numbers:

Parts Request Information

Are Parts Required?

Yes

QSF Single Agenda Or Program FRC Date:

Parts List:

*Type of Part	*Eng #	*Is This Part a Kit?	*Existing Stock#	*Part Name	*Qty/veh.	*Engineering Est. Qty. Needed
Existing	9L8E-9F991-BC	No	Sell	Electronic Throttle	1	0
1	*Calculated Forecast	*@WERS Notice #		*@WERS Date Released		*@Supplier Company
	0					
@1st Contact	@1st Contact Phone	Source Code	Service #	Replaced SVC #	°Replaced Eng. #	°Is Calibration Needed
			9L8Z-9E926-A	9L8Z-9E926-A	9L8E-9F991-BC	No

Parts catalog flag needed?

Yes

Part number(s) that require flag:

9L8E-9F991-BC, 9L8Z-9E926-A

Is geographic location significant?

No

Special instructions/remarks:

Supplier quality issue. Part number did not change. Parts with Julian date code of ##### should be replaced.

Article Number:

BCM Number:

(End automated email)

From: [REDACTED]
Sent: Thursday, September 03, 2009 2:17 PM
To: Chacon, Jose (A.)
Cc: [REDACTED]
Subject: RE: TSB Request for Input: 087-2009-1872(2)

Thanks for the input for the changes! It's very appreciated.
I will change as recommended.

From: [REDACTED]
Sent: Thursday, September 03, 2009 11:05 AM
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: TSB Request for Input: 087-2009-1872: 2009-2010 ESCAPE/MARINER/& HEV, AND 2010 FUSION/MILAN/& HEV - DIAGNOSTIC TROUBLE CODES P0121, P0122, P0221, P0222, P2135.

2 Line's max for the TSB Title Agree; however, for the TSB Issue, more than two lines is acceptable to describe issue condition. If any questions, consult with TSB Editor. Thanks.

Regards,

From: [REDACTED]
Sent: Thursday, September 03, 2009 10:56 AM
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: TSB Request for Input: 087-2009-1872: 2009-2010 ESCAPE/MARINER/& HEV, AND 2010 FUSION/MILAN/& HEV - DIAGNOSTIC TROUBLE CODES P0121, P0122, P0221, P0222, P2135.

2 line max.

From: [REDACTED]
Sent: Thursday, September 03, 2009 10:53 AM
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: TSB Request for Input: 087-2009-1872: 2009-2010 ESCAPE/MARINER/& HEV, AND 2010 FUSION/MILAN/& HEV - DIAGNOSTIC TROUBLE CODES P0121, P0122, P0221, P0222, P2135.

Suggested TSB Issue statement:

SOME 2009-2010 ESCAPE/MARINER, 2010 FUSION/MILAN AND FUSION/MILAN/ESCAPE/MARINER HYBRID (HEV) (EXCLUDES 3.5L FUSION SPORT) VEHICLES MAY EXHIBIT AN ---->'ELECTRONIC THROTTLE CONTROL (ETC)

ENGINE FAILSAFE MODE' WARNING, ---→WRENCH LIGHT ON DISPLAYED IN THE MESSAGE CENTER OR INSTRUMENT PANEL AND -> AMBER ELECTRONIC THROTTLE CONTROL (ETC) WARNING LAMP ON WITH MULTIPLE ETC DIAGNOSTIC TROUBLE CODES (P0121, P0122, P0221, P0222, P2135) PRESENT IN THE POWER CONTROL MODULE (PCM). DRIVEABILITY SYMPTOMS MAY INCLUDE ROUGH IDLE, POOR ACCELERATION, LOW RPM DROP AND LACK OF THROTTLE RESPONSE. THIS MAY BE ATTRIBUTED TO THE ELECTRONIC THROTTLE BODY HARDWARE. IF THIS CONDITION OCCURS PROCEED WITH TSB SERVICE ACTION.

Regards,

JCH

From: [REDACTED]
Sent: Thursday, August 27, 2009 4:24 PM
To: [REDACTED]

Subject: TSB Request for Input: 087-2009-1872: 2009-2010 ESCAPE/MARINER/& HEV, AND 2010 FUSION/MILAN/& HEV - DIAGNOSTIC TROUBLE CODES P0121, P0122, P0221, P0222, P2135.

TSB Request for Input

*** NOTE: The system generated the email. ***

This message is being sent on behalf of JISAACSO.

Please provide review and feedback for the article below. The person requesting this feedback may have provided further direction in the comment section below. Forward/Send any comments via email to the person who sent this email.

General Information

Last action taken (as of 8/27/2009 8:24:18 PM GMT):

Send for engineering input

Team, Here is the first cut rough draft as discussed in our meetings. Please review and supply to me your feedback. Michael Chabon, Please supply to me the Vehicle build dates, (if and when you can), and the Gillian ETB dates for me to put in this article. Also, I sent you some data fields that require numbers about the projected effected vehicles. I will need that data as well for FCSD parts. Thanks all. Jim Isaacson

Comment:

Author:

JISAACSO

Tracking Number:

087-2009-1872

Author Tracking Number:

087-2009-5432

Title:

2009-2010 ESCAPE/MARINER/& HEV, AND 2010 FUSION/MILAN/& HEV - DIAGNOSTIC TROUBLE CODES P0121, P0122, P0221, P0222, P2135.

Article Type:

TSB

TSB Issue:

SOME 2009-2010 ESCAPE/MARINER/& HEV, AND 2010 FUSION/MILAN/& HEV MAY EXHIBIT DIAGNOSTIC TROUBLE CODES P0121, P0122, P0221, P0222, P2135.

TSB Action:

Follow the Service Procedure steps to correct the condition.

TSB Service Procedure:

1) VERIFY DTC'S P0121, P0122, P0221, P0222, P2135 ARE PRESENT. IF THEY ARE PRESENT, CONTINUE TO STEP 2.

2) IF THE VEHICLE BUILD DATE IS FROM ##### TO #####, CONTINUE TO STEP 3. IF THE VEHICLE BUILD DATE IS NOT FROM ##### TO #####, REFER TO PCED FOR FURTHER DIAGNOSTICS.

3) INSPECT THE ELECTRONIC THROTTLE BODY BUILD DATE, REFER TO PIC #1. IF THE BUILD DATE IS BEFORE SEPTEMBER OF 2009, OR #####, REPLACE THE ELECTRONIC THROTTLE BODY PER THE WORKSHOP MANUAL.

Category: Service Fix (10 years - TSB Only)
 Request Type: QSF
 Would this make a good cost save business case? Yes
 Activity Code: 087 Powertrain Engine

Vehicle Applications:

Vehicle Lines	Model Year Start	Model Year End	Assembly Plants	Body Styles	Engine	Trans Axles	Build From	Build To
Escape	2009	2010	KCAP		2.5L, 3.0L & HEV			
Escape Hybrid	2009	2010	KCAP		2.5L, 3.0L & HEV			
Mariner	2009	2010	KCAP		2.5L, 3.0L & HEV			
Mariner Hybrid	2009	2010	KCAP		2.5L, 3.0L & HEV			
Fusion	2010	2010	HSAP		2.5L, 3.0L & HEV			
Milan	2010	2010	HSAP		2.5L, 3.0L & HEV			

If SPECS Case, Select all Other Affected Publications:

Changes Needed in Other Pubs:

TSBs to Supersede:

SSMs to Supersede:

20897

ISMs to Supersede:

Other application Articles:

Select the reason for republication:

New Part/Procedure For Same Condition

Procedure verified by CDSID:

jisaacso

Describe How The Procedure Was Verified:

Engineering contained supplier quality issue. Engineering team process.

Do you have access to a vehicle for time study?

Yes

If Yes, contact for vehicle CDSID:

jisaacso

Labor Operations:

Are Illustrations Required?

Yes

If Yes, Contact information for illustrations:

CDSID(Ford only):

jisaacso

Full Name:

Phone:

Illustration Notes:

Trustmarks affected:

Ford, Mercury

Additional Trustmarks To Notify:

Article Distribution:

WDMO, Canada, Mexico, United States

DTC Codes and OASIS Service Codes:

P0121, P0122, P0221, P0222, P2135, 698298, 803000, 804000

Causal Basic Part # or Finis Code:

Causal Part # or Finis Code	Warranty Condition Codes
19E616	Body: 42

Calibrations List:

White Paper Numbers:

Parts Request Information

Are Parts Required? Yes

QSF Single Agenda Or Program FRC Date:

Parts List:

*Type of Part	*Eng #	*Is This Part a Kit?	*Existing Stock#	*Part Name	*Qty/veh.	*Engineering Est. Qty. Needed
Existing	9L8E 9F991 BC	No	Sell	Electronic Throttle	1	0
1	*Calculated Forecast	*@WERS Notice #		*@WERS Date Released	*@Supplier Company	
	0					
@1st Contact	@1st Contact Phone	Source Code	Service #	Replaced SVC #	Replaced Eng. #	Is Calibration Needed
			9L8Z 9E926 A	9L8Z 9E926 A	9L8E 9F991 BC	No

Parts catalog flag needed? Yes

Part number(s) that require flag: 9L8E-9F991-BC, 9L8Z-9E926-A

Is geographic location significant? No

Special instructions/remarks: Supplier quality issue. Part number did not change. Parts with Julian date code of ##### should be replaced.

Article Number:

BCM Number:

(End automated email)

From: [REDACTED]
Sent: Thursday, September 03, 2009 1:52 PM
To: [REDACTED]
Subject: RE: TSB Request for Input: 087-2009-1872(3)

Thanks for the input for the changes! It's very appreciated.
I will change as recommended.

From: [REDACTED]
Sent: Thursday, September 03, 2009 1:50 PM
To: [REDACTED]
Subject: RE: TSB Request for Input: 087-2009-1872: 2009-2010 ESCAPE/MARINER/& HEV, AND 2010 FUSION/MILAN/& HEV - DIAGNOSTIC TROUBLE CODES P0121, P0122, P0221, P0222, P2135.

[REDACTED]
I think there should be a revision to the Acronym PCM as defined by the Ford Specific Acronyms Section.

SOME 2009-2010 ESCAPE/MARINER, 2010 FUSION/MILAN AND FUSION/MILAN/ESCAPE/MARINER HYBRID (HEV) (EXCLUDES 3.5L FUSION SPORT) VEHICLES MAY EXHIBIT AN ----à'ELECTRONIC THROTTLE CONTROL (ETC) ENGINE FAILSAFE MODE' WARNING, ---à'WRENCH LIGHT ON DISPLAYED IN THE MESSAGE CENTER OR INSTRUMENT PANEL AND -à AMBER ELECTRONIC THROTTLE CONTROL (ETC) WARNING LAMP ON WITH MULTIPLE ETC DIAGNOSTIC TROUBLE CODES (P0121, P0122, P0221, P0222, P2135) PRESENT IN THE **POWERTRAIN** CONTROL MODULE (PCM). DRIVEABILITY SYMPTOMS MAY INCLUDE ROUGH IDLE, POOR ACCELERATION, LOW RPM DROP AND LACK OF THROTTLE RESPONSE. THIS MAY BE ATTRIBUTED TO THE ELECTRONIC THROTTLE BODY HARDWARE. IF THIS CONDITION OCCURS PROCEED WITH TSB SERVICE ACTION.

[REDACTED]
FCSD Service Engineer
Gas Engine Drivability/ Spanish
2.0L/2.3L/2.5L Duratec SME
Ford Technical Hotline
[REDACTED]

From: [REDACTED]
Sent: Thursday, September 03, 2009 1:31 PM
To: [REDACTED]
Subject: TSB Request for Input: 087-2009-1872: 2009-2010 ESCAPE/MARINER/& HEV, AND 2010 FUSION/MILAN/& HEV - DIAGNOSTIC TROUBLE CODES P0121, P0122, P0221, P0222, P2135.

TSB Request for Input

*** NOTE: The system generated the email. ***

This message is being sent on behalf of JISAACSO.

Please provide review and feedback for the article below. The person requesting this feedback may have provided further direction in the comment section below. Forward/Send any comments via email to the person who sent this email.

General Information

Last action taken (as of 9/3/2009 5:31:18 PM GMT): Send for engineering input
Comment: Please review changes submitted by Jose Chacon.
Author: JISAACSO
Tracking Number: 087-2009-1872
Author Tracking Number: 087-2009-5432
Title: 2009-2010 ESCAPE/MARINER/& HEV, AND 2010 FUSION/MILAN/& HEV - DIAGNOSTIC TROUBLE CODES P0121, P0122, P0221, P0222, P2135.
Article Type: TSB

TSB Issue:

SOME 2009-2010 ESCAPE/MARINER, 2010 FUSION/MILAN AND FUSION/MILAN/ESCAPE/MARINER HYBRID (HEV) (EXCLUDES 3.5L FUSION SPORT) VEHICLES MAY EXHIBIT AN ----à'ELECTRONIC THROTTLE CONTROL (ETC) ENGINE FAILSAFE MODE' WARNING, ---àWRENCH LIGHT ON DISPLAYED IN THE MESSAGE CENTER OR INSTRUMENT PANEL AND -à AMBER ELECTRONIC THROTTLE CONTROL (ETC) WARNING LAMP ON WITH MULTIPLE ETC DIAGNOSTIC TROUBLE CODES (P0121, P0122, P0221, P0222, P2135) PRESENT IN THE POWER CONTROL MODULE (PCM). DRIVEABILITY SYMPTOMS MAY INCLUDE ROUGH IDLE, POOR ACCELERATION, LOW RPM DROP AND LACK OF THROTTLE RESPONSE. THIS MAY BE ATTRIBUTED TO THE ELECTRONIC THROTTLE BODY HARDWARE. IF THIS CONDITION OCCURS PROCEED WITH TSB SERVICE ACTION.

TSB Action:

Follow the Service Procedure steps to correct the condition.

TSB Service Procedure:

1) VERIFY DTC'S P0121, P0122, P0221, P0222, P2135 ARE PRESENT. IF THEY ARE PRESENT, CONTINUE TO STEP 2.

2) IF THE VEHICLE BUILD DATE IS FROM ##### TO #######, CONTINUE TO STEP 3. IF THE VEHICLE BUILD DATE IS NOT FROM ##### TO #######, REFER TO PCED FOR FURTHER DIAGNOSTICS.

3) INSPECT THE ELECTRONIC THROTTLE BODY BUILD DATE, REFER TO PIC #1. IF THE BUILD DATE IS BEFORE SEPTEMBER OF 2009, OR #######, REPLACE THE ELECTRONIC THROTTLE BODY PER THE WORKSHOP MANUAL.

Category: Service Fix (10 years - TSB Only)
Request Type: QSF
Would this make a good cost save business Yes

case?

Activity Code:

087 Powertrain Engine

Vehicle Applications:

Vehicle Lines	Model Year Start	Model Year End	Assembly Plants	Body Styles	Engine	Trans Axles	Build From	Build To
Escape	2009	2010	KCAP		2.5L, 3.0L & HEV			
Escape Hybrid	2009	2010	KCAP		2.5L, 3.0L & HEV			
Mariner	2009	2010	KCAP		2.5L, 3.0L & HEV			
Mariner Hybrid	2009	2010	KCAP		2.5L, 3.0L & HEV			
Fusion	2010	2010	HSAP		2.5L, 3.0L & HEV			
Milan	2010	2010	HSAP		2.5L, 3.0L & HEV			

If SPECS Case, Select all Other Affected Publications:

Changes Needed in Other Pubs:

TSBs to Supersede:

SSMs to Supersede:

20897

ISMs to Supersede:

Other application Articles:

Select the reason for republication:

New Part/Procedure For Same Condition

Procedure verified by CDSID:

jisaacso

Describe How The Procedure Was Verified:

Engineering contained supplier quality issue. Engineering team process.

Do you have access to a vehicle for time study?

Yes

If Yes, contact for vehicle CDSID:

jisaacso

Labor Operations:

Are Illustrations Required?

Yes

If Yes, Contact information for illustrations:

CDSID(Ford only):

jisaacso

Full Name:

Phone:

Illustration Notes:

Trustmarks affected:

Ford, Mercury

Additional Trustmarks To Notify:

Article Distribution:

WDMO, Canada, Mexico, United States

DTC Codes and OASIS Service Codes:

P0121, P0122, P0221, P0222, P2135, 698298, 803000, 804000

Causal Basic Part # or Finis Code:

Causal Part # or Finis Code	Warranty Condition Codes
19E616	Body: 42

Calibrations List:

White Paper Numbers:

Parts Request Information

Are Parts Required? Yes

QSF Single Agenda Or Program FRC Date:

Parts List:

*Type of Part	*Eng #	*Is This Part a Kit?	*Existing Stock#	*Part Name	*Qty/veh.	*Engineering Est. Qty. Needed
Existing	9L8E-9F991-BC	No	Sell	Electronic Throttle	1	0
1	*Calculated Forecast		*@WERS Notice #	*@WERS Date Released		*@Supplier Company
	0					
@1st Contact	@1st Contact Phone	Source Code	Service #	Replaced SVC #	°Replaced Eng. #	°Is Calibration Needed
			9L8Z-9E926-A	9L8Z-9E926-A	9L8E-9F991-BC	No

Parts catalog flag needed?

Yes

Part number(s) that require flag:

9L8E-9F991-BC, 9L8Z-9E926-A

Is geographic location significant?

No

Special instructions/remarks:

Supplier quality issue. Part number did not change. Parts with Julian date code of ##### should be replaced.

Article Number:

BCM Number:

(End automated email)

From: [REDACTED]
Sent: Thursday, September 03, 2009 11:05 AM
To: [REDACTED]
Subject: RE: TSB Request for Input: 087-2009-1872(4)

2 Line's max for the TSB Title Agree; however, for the TSB Issue, more than two lines is acceptable to describe issue condition. If any questions, consult with TSB Editor. Thanks.

Regards,

JCH.

From: [REDACTED]
Sent: Thursday, September 03, 2009 10:56 AM
To: [REDACTED]

Subject: RE: TSB Request for Input: 087-2009-1872: 2009-2010 ESCAPE/MARINER/& HEV, AND 2010 FUSION/MILAN/& HEV - DIAGNOSTIC TROUBLE CODES P0121, P0122, P0221, P0222, P2135.

2 line max.

From: [REDACTED]
Sent: Thursday, September 03, 2009 10:53 AM
To: [REDACTED]

Subject: RE: TSB Request for Input: 087-2009-1872: 2009-2010 ESCAPE/MARINER/& HEV, AND 2010 FUSION/MILAN/& HEV - DIAGNOSTIC TROUBLE CODES P0121, P0122, P0221, P0222, P2135.

Suggested TSB Issue statement:

SOME 2009-2010 ESCAPE/MARINER, 2010 FUSION/MILAN AND FUSION/MILAN/ESCAPE/MARINER HYBRID (HEV) (EXCLUDES 3.5L FUSION SPORT) VEHICLES MAY EXHIBIT AN ----→'ELECTRONIC THROTTLE CONTROL (ETC) ENGINE FAILSAFE MODE' WARNING, --→WRENCH LIGHT ON DISPLAYED IN THE MESSAGE CENTER OR INSTRUMENT PANEL AND -→ AMBER ELECTRONIC THROTTLE CONTROL (ETC) WARNING LAMP ON WITH MULTIPLE ETC DIAGNOSTIC TROUBLE CODES (P0121, P0122, P0221, P0222, P2135) PRESENT IN THE POWER CONTROL MODULE (PCM). DRIVEABILITY SYMPTOMS MAY INCLUDE ROUGH IDLE, POOR ACCELERATION, LOW RPM DROP AND LACK OF THROTTLE RESPONSE. THIS MAY BE ATTRIBUTED TO THE ELECTRONIC THROTTLE BODY HARDWARE. IF THIS CONDITION OCCURS PROCEED WITH TSB SERVICE ACTION.

Regards,

JCH

From: [REDACTED]
Sent: Thursday, August 27, 2009 4:24 PM

To:

Subject: TSB Request for Input: 087-2009-1872: 2009-2010 ESCAPE/MARINER/& HEV, AND 2010 FUSION/MILAN/& HEV - DIAGNOSTIC TROUBLE CODES P0121, P0122, P0221, P0222, P2135.

TSB Request for Input

*** NOTE: The system generated the email. ***

This message is being sent on behalf of JISAACSO.

Please provide review and feedback for the article below. The person requesting this feedback may have provided further direction in the comment section below. Forward/Send any comments via email to the person who sent this email.

General Information

Last action taken (as of 8/27/2009 8:24:18 PM GMT):

Send for engineering input

Team, Here is the first cut rough draft as discussed in our meetings. Please review and supply to me your feedback.

Comment:

Michael Chabon, Please supply to me the Vehicle build dates, (if and when you can), and the Gillian ETB dates for me to put in this article. Also, I sent you some data fields that require numbers about the projected effected vehicles. I will need that data as well for FCSD parts. Thanks all. Jim Isaacson

Author:

JISAACSO

Tracking Number:

087-2009-1872

Author Tracking Number:

087-2009-5432

Title:

2009-2010 ESCAPE/MARINER/& HEV, AND 2010 FUSION/MILAN/& HEV - DIAGNOSTIC TROUBLE CODES P0121, P0122, P0221, P0222, P2135.

Article Type:

TSB

TSB Issue:

SOME 2009-2010 ESCAPE/MARINER/& HEV, AND 2010 FUSION/MILAN/& HEV MAY EXHIBIT DIAGNOSTIC TROUBLE CODES P0121, P0122, P0221, P0222, P2135.

TSB Action:

Follow the Service Procedure steps to correct the condition.

TSB Service Procedure:

1) VERIFY DTC'S P0121, P0122, P0221, P0222, P2135 ARE PRESENT. IF THEY ARE PRESENT, CONTINUE TO STEP 2.

2) IF THE VEHICLE BUILD DATE IS FROM ##### TO #####, CONTINUE TO STEP 3. IF THE VEHICLE BUILD DATE IS NOT FROM ##### TO #####, REFER TO PCED FOR FURTHER DIAGNOSTICS.

3) INSPECT THE ELECTRONIC THROTTLE BODY BUILD DATE, REFER TO PIC #1. IF THE BUILD DATE IS BEFORE SEPTEMBER OF 2009, OR #####, REPLACE THE ELECTRONIC THROTTLE BODY PER THE WORKSHOP MANUAL.

Category:

Service Fix (10 years - TSB Only)

Request Type:

QSF

Would this make a good cost save business case?

Yes

Activity Code:

087 Powertrain Engine

Vehicle Applications:

Vehicle Lines	Model Year Start	Model Year End	Assembly Plants	Body Styles	Engine	Trans Axles	Build From	Build To

Escape	2009	2010	KCAP		2.5L, 3.0L & HEV			
Escape Hybrid	2009	2010	KCAP		2.5L, 3.0L & HEV			
Mariner	2009	2010	KCAP		2.5L, 3.0L & HEV			
Mariner Hybrid	2009	2010	KCAP		2.5L, 3.0L & HEV			
Fusion	2010	2010	HSAP		2.5L, 3.0L & HEV			
Milan	2010	2010	HSAP		2.5L, 3.0L & HEV			

If SPECS Case, Select all Other Affected Publications:

Changes Needed in Other Pubs:

TSBs to Supersede:

SSMs to Supersede:

20897

ISMs to Supersede:

Other application Articles:

Select the reason for republication:

New Part/Procedure For Same Condition

Procedure verified by CDSID:

jisaacso

Describe How The Procedure Was Verified:

Engineering contained supplier quality issue. Engineering team process.

Do you have access to a vehicle for time study?

Yes

If Yes, contact for vehicle CDSID:

jisaacso

Labor Operations:

Are Illustrations Required?

Yes

If Yes, Contact information for illustrations:

CDSID(Ford only):

jisaacso

Full Name:

James Isaacson

Phone:

313-805-9707

Illustration Notes:

Trustmarks affected:

Ford, Mercury

Additional Trustmarks To Notify:

Article Distribution:

WDMO, Canada, Mexico, United States

DTC Codes and OASIS Service Codes:

P0121, P0122, P0221, P0222, P2135, 698298, 803000, 804000

Causal Basic Part # or Finis Code:

Causal Part # or Finis Code	Warranty Condition Codes
19E616	Body: 42

Calibrations List:

White Paper Numbers:

Parts Request Information

Are Parts Required?

Yes

QSF Single Agenda Or Program FRC Date:

Parts List:

	*Type of Part	*Eng #	*Is This Part a Kit?	*Existing Stock#	*Part Name	*Qty/veh.	*Engineering Est. Qty. Needed
1	Existing	9L8E 9F991 BC	No	Sell	Electronic Throttle	1	0

*Calculated Forecast		*@WERS Notice #		*@WERS Date Released		*@Supplier Company
0						
@1st Contact	@1st Contact Phone	Source Code	Service #	Replaced SVC #	Replaced Eng. #	Is Calibration Needed
			9L8Z 9E926 A	9L8Z 9E926 A	9L8E 9F991 BC	No

Parts catalog flag needed? Yes
Part number(s) that require flag: 9L8E-9F991-BC, 9L8Z-9E926-A
Is geographic location significant? No
Special instructions/remarks: Supplier quality issue. Part number did not change. Parts with Julian date code of ##### should be replaced.

Article Number:
BCM Number:

(End automated email)

From: [REDACTED]
Sent: Thursday, September 03, 2009 10:56 AM
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: TSB Request for Input: 087-2009-1872(5)

2 line max.

From: [REDACTED]
Sent: Thursday, September 03, 2009 10:53 AM
To: [REDACTED]
Subject: RE: TSB Request for Input: 087-2009-1872: 2009-2010 ESCAPE/MARINER/& HEV, AND 2010 FUSION/MILAN/& HEV - DIAGNOSTIC TROUBLE CODES P0121, P0122, P0221, P0222, P2135.

Suggested TSB Issue statement:

SOME 2009-2010 ESCAPE/MARINER, 2010 FUSION/MILAN AND FUSION/MILAN/ESCAPE/MARINER HYBRID (HEV) (EXCLUDES 3.5L FUSION SPORT) VEHICLES MAY EXHIBIT AN ---->'ELECTRONIC THROTTLE CONTROL (ETC) ENGINE FAILSAFE MODE' WARNING, -->WRENCH LIGHT ON DISPLAYED IN THE MESSAGE CENTER OR INSTRUMENT PANEL AND -> AMBER ELECTRONIC THROTTLE CONTROL (ETC) WARNING LAMP ON WITH MULTIPLE ETC DIAGNOSTIC TROUBLE CODES (P0121, P0122, P0221, P0222, P2135) PRESENT IN THE POWER CONTROL MODULE (PCM). DRIVEABILITY SYMPTOMS MAY INCLUDE ROUGH IDLE, POOR ACCELERATION, LOW RPM DROP AND LACK OF THROTTLE RESPONSE. THIS MAY BE ATTRIBUTED TO THE ELECTRONIC THROTTLE BODY HARDWARE. IF THIS CONDITION OCCURS PROCEED WITH TSB SERVICE ACTION.

Regards,

JCH

From: [REDACTED]
Sent: Thursday, August 27, 2009 4:24 PM
To: [REDACTED]
Subject: TSB Request for Input: 087-2009-1872: 2009-2010 ESCAPE/MARINER/& HEV, AND 2010 FUSION/MILAN/& HEV - DIAGNOSTIC TROUBLE CODES P0121, P0122, P0221, P0222, P2135.

TSB Request for Input

*** NOTE: The system generated the email. ***

This message is being sent on behalf of JISAACSO.

Please provide review and feedback for the article below. The person requesting this feedback may have provided further direction in the comment section below. Forward/Send any comments via email to the person who sent this email.

General Information

Last action taken (as of 8/27/2009 8:24:18 PM GMT): Send for engineering input

Team, Here is the first cut rough draft as discussed in our meetings. Please review and supply to me your feedback. Michael Chabon, Please supply to me the Vehicle build dates, (if and when you can), and the Gillian ETB dates for me to put in this article. Also, I sent you some data fields that require numbers about the projected effected vehicles. I will need that data as well for FCSD parts. Thanks all. Jim Isaacson

Comment:

Author: JISAACSO
Tracking Number: 087-2009-1872
Author Tracking Number: 087-2009-5432
Title: 2009-2010 ESCAPE/MARINER/& HEV, AND 2010 FUSION/MILAN/& HEV - DIAGNOSTIC TROUBLE CODES P0121, P0122, P0221, P0222, P2135.
Article Type: TSB

TSB Issue:
 SOME 2009-2010 ESCAPE/MARINER/& HEV, AND 2010 FUSION/MILAN/& HEV MAY EXHIBIT DIAGNOSTIC TROUBLE CODES P0121, P0122, P0221, P0222, P2135.

TSB Action:
 Follow the Service Procedure steps to correct the condition.

TSB Service Procedure:

- 1) VERIFY DTC'S P0121, P0122, P0221, P0222, P2135 ARE PRESENT. IF THEY ARE PRESENT, CONTINUE TO STEP 2.
- 2) IF THE VEHICLE BUILD DATE IS FROM ##### TO #####, CONTINUE TO STEP 3. IF THE VEHICLE BUILD DATE IS NOT FROM ##### TO #####, REFER TO PCED FOR FURTHER DIAGNOSTICS.
- 3) INSPECT THE ELECTRONIC THROTTLE BODY BUILD DATE, REFER TO PIC #1. IF THE BUILD DATE IS BEFORE SEPTEMBER OF 2009, OR #####, REPLACE THE ELECTRONIC THROTTLE BODY PER THE WORKSHOP MANUAL.

Category: Service Fix (10 years - TSB Only)
Request Type: QSF
Would this make a good cost save business case? Yes
Activity Code: 087 Powertrain Engine

Vehicle Applications:

Vehicle Lines	Model Year Start	Model Year End	Assembly Plants	Body Styles	Engine	Trans Axles	Build From	Build To
Escape	2009	2010	KCAP		2.5L, 3.0L & HEV			
Escape Hybrid	2009	2010	KCAP		2.5L, 3.0L & HEV			
Mariner	2009	2010	KCAP		2.5L, 3.0L & HEV			
Mariner Hybrid	2009	2010	KCAP		2.5L, 3.0L & HEV			
Fusion	2010	2010	HSAP		2.5L, 3.0L & HEV			
Milan	2010	2010	HSAP		2.5L, 3.0L & HEV			

If SPECS Case, Select all Other Affected Publications:

Changes Needed in Other Pubs:
TSBs to Supersede:

SSMs to Supersede: 20897
 ISMs to Supersede:
 Other application Articles:
 Select the reason for republication: New Part/Procedure For Same Condition
 Procedure verified by CDSID: jisaacso
 Describe How The Procedure Was Verified: Engineering contained supplier quality issue. Engineering team process.
 Do you have access to a vehicle for time study? Yes
 If Yes, contact for vehicle CDSID: jisaacso
 Labor Operations:

Are Illustrations Required? Yes
 If Yes, Contact information for illustrations:
 CDSID(Ford only): jisaacso
 Full Name: James Isaacson
 Phone: 313-805-9707

Illustration Notes:

Trustmarks affected: Ford, Mercury
 Additional Trustmarks To Notify:
 Article Distribution: WDMO, Canada, Mexico, United States
 DTC Codes and OASIS Service Codes: P0121, P0122, P0221, P0222, P2135, 698298, 803000, 804000

Causal Basic Part # or Finis Code:

Causal Part # or Finis Code	Warranty Condition Codes
19E616	Body: 42

Calibrations List:

White Paper Numbers:

Parts Request Information

Are Parts Required? Yes

QSF Single Agenda Or Program FRC Date:

Parts List:

*Type of Part	*Eng #	*Is This Part a Kit?	*Existing Stock#	*Part Name	*Qty/veh.	*Engineering Est. Qty. Needed
Existing	9L8E 9F991 BC	No	Sell	Electronic Throttle	1	0
1	*Calculated Forecast	*@WERS Notice #		*@WERS Date Released		*@Supplier Company
	0					
@1st Contact	@1st Contact Phone	Source Code	Service #	Replaced SVC #	Replaced Eng. #	Is Calibration Needed
			9L8Z 9E926 A	9L8Z 9E926 A	9L8E 9F991 BC	No

Parts catalog flag needed? Yes
 Part number(s) that require flag: 9L8E-9F991-BC, 9L8Z-9E926-A
 Is geographic location significant? No
 Special instructions/remarks: Supplier quality issue. Part number did not change. Parts with Julian date code of ##### should be replaced.

Article Number:
 BCM Number:

(End automated email)

From: [REDACTED]
Sent: Wednesday, October 21, 2009 11:00 AM
To: [REDACTED]
Subject: RE: TSB Request for Input: 087-2009-1872(7)

Let's review at today's meeting all together for quickest results.

From: [REDACTED]
Sent: Wednesday, October 21, 2009 11:00 AM
To: [REDACTED]
Subject: RE: TSB Request for Input: 087-2009-1872: 2009-2010 ESCAPE/MARINER/& HYBRID ELECTRIC VEHICLES, AND 2010 FUSION/MILAN/& HYBRID ELECTRIC VEHICLES - DIAGNOSTIC TROUBLE CODES P0121, P0122, P0221, P0222, P2135.

Your are correct [REDACTED] we agreed (or I convinced the team) to wait till we had a confirmed failure.

Our first confirmed failure was found on Oct 2nd. My fault for not kicking the TSB off at that point. Please use Dave's dates for completion of the TSB as planned.

[REDACTED]
Electronic Throttle Body Engineering Supervisor
Bldg-1 Cube 12B115

[REDACTED]
Ford Motor Company

From: [REDACTED]
Sent: Friday, October 16, 2009 12:42 PM
To: [REDACTED]
Subject: RE: TSB Request for Input: 087-2009-1872: 2009-2010 ESCAPE/MARINER/& HYBRID ELECTRIC VEHICLES, AND 2010 FUSION/MILAN/& HYBRID ELECTRIC VEHICLES - DIAGNOSTIC TROUBLE CODES P0121, P0122, P0221, P0222, P2135.

According to the notes I have, we all agreed to wait to issue it once field returns were received back and verified to have this failure mode. Mike - Has that occured now?
I also understand that service stock has now been purged of suspect parts.

From: [REDACTED]
Sent: Friday, October 16, 2009 12:02 PM
To: [REDACTED]

Subject: FW: TSB Request for Input: 087-2009-1872: 2009-2010 ESCAPE/MARINER/& HYBRID ELECTRIC VEHICLES, AND 2010 FUSION/MILAN/& HYBRID ELECTRIC VEHICLES - DIAGNOSTIC TROUBLE CODES P0121, P0122, P0221, P0222, P2135.

I'm disappointed that this is just happening now.
Why, when we prepared this ~2mos ago (not exactly sure), are we just issuing now?

[REDACTED]
Manager, LGDEE OPD/Quality Dept
[REDACTED]

From: [REDACTED]
Sent: Friday, October 16, 2009 11:37 AM
To: [REDACTED]

Subject: TSB Request for Input: 087-2009-1872: 2009-2010 ESCAPE/MARINER/& HYBRID ELECTRIC VEHICLES, AND 2010 FUSION/MILAN/& HYBRID ELECTRIC VEHICLES - DIAGNOSTIC TROUBLE CODES P0121, P0122, P0221, P0222, P2135.

TSB Request for Input

***** NOTE: The system generated the email. *****

This message is being sent on behalf of JISAACSO.

Please provide review and feedback for the article below. The person requesting this feedback may have provided further direction in the comment section below. Forward/Send any comments via email to the person who sent this email.

General Information

Last action taken (as of 10/16/2009 3:37:07 PM GMT):

Send for engineering input

Comment:

Please review for the 10-21-09 meeting.

Author:

JISAACSO

Tracking Number:

087-2009-1872

Author Tracking Number:

087-2009-5432

Title:

2009-2010 ESCAPE/MARINER/& HYBRID ELECTRIC VEHICLES, AND 2010 FUSION/MILAN/& HYBRID ELECTRIC VEHICLES - DIAGNOSTIC TROUBLE CODES P0121, P0122, P0221, P0222, P2135.

Article Type:

TSB

TSB Issue:

Some 2009-2010 Escape/Mariner/ & Hybrid Electric Vehicles, 2010 Fusion/Milan and Fusion/Milan/ & Hybrid Electric Vehicles may exhibit an electronic throttle control engine fail safe mode warning wrench light displayed in the message center or instrument panel and amber electronic

throttle control warning lamp on with multiple ETC diagnostic trouble codes (P0121, P0122, P0221, P0222, P2135) present in the power control module. Driveability symptoms may include rough idle, poor acceleration, low RPM drop and lack of throttle response. This may be attributed to the electronic throttle body hardware.

TSB Action:

Follow the Service Procedure steps to correct the condition.

TSB Service Procedure:

1) Verify DTC'S P0121, P0122, P0221, P0222, P2135 are present. If they are present, continue to step 2.

2) If the vehicle build date is from ##### to #####, continue to step 3. If the vehicle build date is not from ##### to #####, refer to PC/ED for further diagnostics.

3) Inspect the electronic throttle body build date, refer to pic #1. If the build date is before September of 2009, or #####, replace the electronic throttle body per the workshop manual procedure #####.

Category: Service Fix (10 years - TSB Only)
Request Type: QSF
Would this make a good cost save business case? Yes
Activity Code: 087 Powertrain Engine

Vehicle Applications:

Vehicle Lines	Model Year Start	Model Year End	Assembly Plants	Body Styles	Engine	Trans Axles	Build From	Build To
Escape	2009	2010	KCAP		2.5L, 3.0L & HEV			
Escape Hybrid	2009	2010	KCAP		2.5L, 3.0L & HEV			
Mariner	2009	2010	KCAP		2.5L, 3.0L & HEV			
Mariner Hybrid	2009	2010	KCAP		2.5L, 3.0L & HEV			
Fusion	2010	2010	HSAP		2.5L, 3.0L & HEV			
Milan	2010	2010	HSAP		2.5L, 3.0L & HEV			

If SPECS Case, Select all Other Affected Publications:

Changes Needed in Other Pubs:

TSBs to Supersede:

SSMs to Supersede:

20897

ISMs to Supersede:

Other application Articles:

Select the reason for republication:

New Part/Procedure For Same Condition

Procedure verified by CDSID:

jisaacso

Describe How The Procedure Was Verified: Engineering contained supplier quality issue.
Engineering team process.

Do you have access to a vehicle for time study? Yes

If Yes, contact for vehicle CDSID: jisaacso

Labor Operations:

Are Illustrations Required? Yes

If Yes, Contact information for illustrations:

CDSID(Ford only): jisaacso

Full Name:

Phone:

Illustration Notes:

Trustmarks affected: Ford, Mercury

Additional Trustmarks To Notify:

Article Distribution: WDMO, Canada, Mexico, United States

DTC Codes and OASIS Service Codes: P0121, P0122, P0221, P0222, P2135, 698298, 803000, 804000

Causal Basic Part # or Finis Code:

Causal Part # or Finis Code	Warranty Condition Codes
19E616	Body: 42

Calibrations List:

White Paper Numbers:

Parts Request Information

Are Parts Required? Yes

QSF Single Agenda Or Program FRC Date:

Parts List:

*Type of Part	*Eng #	*Is This Part a Kit?	*Existing Stock#	*Part Name	*Qty/veh.	*Engineering Est. Qty. Needed
Existing	9L8E-9F991-BC	No	Sell	Electronic Throttle	1	0
1	*Calculated Forecast	*@WERS Notice #		*@WERS Date Released		*@Supplier Company
	0					
@1st Contact	@1st Contact Phone	Source Code	Service #	Replaced SVC #	°Replaced Eng. #	°Is Calibration Needed
			9L8Z-9E926-A	9L8Z-9E926-A	9L8E-9F991-BC	No

Parts catalog flag needed? Yes

Part number(s) that require flag: 9L8E-9F991-BC, 9L8Z-9E926-A

Is geographic location significant? No

Special instructions/remarks:

Supplier quality issue. Part number did not change. Parts with Julian date code of ##### should be replaced.

Article Number:

BCM Number:

(End automated email)

From: [REDACTED]
Sent: Wednesday, October 21, 2009 11:00 AM
To: [REDACTED]
Subject: RE: TSB Request for Input: 087-2009-1872(8)
Attachments: RE: TSB Request for Input: 087-2009-1872: 2009-2010 ESCAPE/MARINER/& HYBRID ELECTRIC VEHICLES, AND 2010 FUSION/MILAN/& HYBRID ELECTRIC VEHICLES - DIAGNOSTIC TROUBLE CODES P0121, P0122, P0221, P0222, P2135.

Your are correct [REDACTED] r we agreed (or I convinced the team) to wait till we had a confirmed failure.

Our first confirmed failure was found on Oct 2nd. My fault for not kicking the TSB off at that point. Please use Dave's dates for completion of the TSB as planned.

[REDACTED]
Electronic Throttle Body Engineering Supervisor
Bldg-1 Cube 12B115

[REDACTED]
Ford Motor Company

From: [REDACTED]
Sent: Friday, October 16, 2009 12:42 PM
To: [REDACTED]
Subject: RE: TSB Request for Input: 087-2009-1872: 2009-2010 ESCAPE/MARINER/& HYBRID ELECTRIC VEHICLES, AND 2010 FUSION/MILAN/& HYBRID ELECTRIC VEHICLES - DIAGNOSTIC TROUBLE CODES P0121, P0122, P0221, P0222, P2135.

According to the notes I have, we all agreed to wait to issue it once field returns were received back and verified to have this failure mode. Mike - Has that occured now?
I also understand that service stock has now been purged of suspect parts.

From: [REDACTED]
Sent: Friday, October 16, 2009 12:02 PM
To: [REDACTED]
Subject: FW: TSB Request for Input: 087-2009-1872: 2009-2010 ESCAPE/MARINER/& HYBRID ELECTRIC VEHICLES, AND 2010 FUSION/MILAN/& HYBRID ELECTRIC VEHICLES - DIAGNOSTIC TROUBLE CODES P0121, P0122, P0221, P0222, P2135.

I'm disappointed that this is just happening now.
Why, when we prepared this ~2mos ago (not exactly sure), are we just issuing now?

Manager, LGDEE OPD/Quality Dept

From: [REDACTED]
Sent: Friday, October 16, 2009 11:37 AM
To: [REDACTED]

Subject: TSB Request for Input: 087-2009-1872: 2009-2010 ESCAPE/MARINER/& HYBRID ELECTRIC VEHICLES, AND 2010 FUSION/MILAN/& HYBRID ELECTRIC VEHICLES - DIAGNOSTIC TROUBLE CODES P0121, P0122, P0221, P0222, P2135.

TSB Request for Input

***** NOTE: The system generated the email. *****

This message is being sent on behalf of JISAACSO.

Please provide review and feedback for the article below. The person requesting this feedback may have provided further direction in the comment section below. Forward/Send any comments via email to the person who sent this email.

General Information

Last action taken (as of 10/16/2009 3:37:07 PM GMT): Send for engineering input
Comment: Please review for the 10-21-09 meeting.
Author: JISAACSO
Tracking Number: 087-2009-1872
Author Tracking Number: 087-2009-5432
Title: 2009-2010 ESCAPE/MARINER/& HYBRID ELECTRIC VEHICLES, AND 2010 FUSION/MILAN/& HYBRID ELECTRIC VEHICLES - DIAGNOSTIC TROUBLE CODES P0121, P0122, P0221, P0222, P2135.
Article Type: TSB

TSB Issue:
Some 2009-2010 Escape/Mariner/ & Hybrid Electric Vehicles, 2010 Fusion/Milan and Fusion/Milan/ & Hybrid Electric Vehicles may exhibit an electronic throttle control engine fail safe mode warning wrench light displayed in the message center or instrument panel and amber electronic throttle control warning lamp on with multiple ETC diagnostic trouble codes (P0121, P0122, P0221, P0222, P2135) present in the power control module. Driveability symptoms may include rough idle, poor acceleration, low RPM drop and lack of throttle response. This may be attributed to the electronic throttle body hardware.

TSB Action:
Follow the Service Procedure steps to correct the condition.

TSB Service Procedure:

1) Verify DTC'S P0121, P0122, P0221, P0222, P2135 are present. If they are present, continue to step 2.

2) If the vehicle build date is from ##### to #####, continue to step 3. If the vehicle build date is not from ##### to #####, refer to PC/ED for further diagnostics.

3) Inspect the electronic throttle body build date, refer to pic #1. If the build date is before September of 2009, or #####, replace the electronic throttle body per the workshop manual procedure #####.

Category: Service Fix (10 years - TSB Only)
Request Type: QSF
Would this make a good cost save business case? Yes
Activity Code: 087 Powertrain Engine
Vehicle Applications:

Vehicle Lines	Model Year Start	Model Year End	Assembly Plants	Body Styles	Engine	Trans Axles	Build From	Build To
Escape	2009	2010	KCAP		2.5L, 3.0L & HEV			
Escape Hybrid	2009	2010	KCAP		2.5L, 3.0L & HEV			
Mariner	2009	2010	KCAP		2.5L, 3.0L & HEV			
Mariner Hybrid	2009	2010	KCAP		2.5L, 3.0L & HEV			
Fusion	2010	2010	HSAP		2.5L, 3.0L & HEV			
Milan	2010	2010	HSAP		2.5L, 3.0L & HEV			

If SPECS Case, Select all Other Affected Publications:

Changes Needed in Other Pubs:

TSBs to Supersede:

SSMs to Supersede:

20897

ISMs to Supersede:

Other application Articles:

Select the reason for republication:

New Part/Procedure For Same Condition

Procedure verified by CDSID:

jisaacso

Describe How The Procedure Was Verified:

Engineering contained supplier quality issue. Engineering team process.

Do you have access to a vehicle for time study? Yes

If Yes, contact for vehicle CDSID:

jisaacso

Labor Operations:

Are Illustrations Required?

Yes

If Yes, Contact information for illustrations:

CDSID(Ford only):

jisaacso

Full Name:



Phone:

Illustration Notes:

Trustmarks affected:

Ford, Mercury

Additional Trustmarks To Notify:

Article Distribution:

WDMO, Canada, Mexico, United States

DTC Codes and OASIS Service Codes:

P0121, P0122, P0221, P0222, P2135, 698298, 803000, 804000

Causal Basic Part # or Finis Code:

Causal Part # or Finis Code	Warranty Condition Codes
19E616	Body: 42

Calibrations List:

White Paper Numbers:

Parts Request Information

Are Parts Required?

Yes

QSF Single Agenda Or Program FRC Date:

Parts List:

*Type of Part	*Eng #	*Is This Part a Kit?	*Existing Stock#	*Part Name	*Qty/veh.	*Engineering Est. Qty. Needed
Existing	9L8E-9F991-BC	No	Sell	Electronic Throttle	1	0
1	*Calculated Forecast	*@WERS Notice #		*@WERS Date Released		*@Supplier Company
	0					
@1st Contact	@1st Contact Phone	Source Code	Service #	Replaced SVC #	°Replaced Eng. #	°Is Calibration Needed
			9L8Z-9E926-A	9L8Z-9E926-A	9L8E-9F991-BC	No

Parts catalog flag needed?

Yes

Part number(s) that require flag:

9L8E-9F991-BC, 9L8Z-9E926-A

Is geographic location significant?

No

Special instructions/remarks:

Supplier quality issue. Part number did not change. Parts with Julian date code of ##### should be replaced.

Article Number:

BCM Number:

(End automated email)

From: [REDACTED]
Sent: Monday, October 19, 2009 11:16 AM
To: [REDACTED]
Subject: RE: TSB Request for Input: 087-2009-1872: 2009-2010 ESCAPE/MARINER/& HYBRID ELECTRIC VEHICLES, AND 2010 FUSION/MILAN/& HYBRID ELECTRIC VEHICLES - DIAGNOSTIC TROUBLE CODES P0121, P0122, P0221, P0222, P2135.

Here is what I had in one of my recent notes regarding the vehicle build dates:

Also, listed below are the PCA clean dates at the Engine and Vehicle Plants for both I4 and V6:

I4: ChEP started building with clean (PCA) parts on 9/16/09.

- Estimated vehicle build clean dates for HSAP: 9/21/09

- Estimated vehicle build clean dates for KCAP: 10/1/09

V6: CEP2 started building 100% with clean (PCA) parts on 9/18/09 (first clean ESN is E1311 170909 932263055).

- Estimated vehicle build clean dates for HSAP: 9/29/09

- Estimated vehicle build clean dates for KCAP: 9/28/09

[REDACTED]
*Supervisor D30
On-Going Product Development
F [REDACTED]*

From: [REDACTED]
Sent: Monday, October 19, 2009 10:33 AM
To: [REDACTED]
Subject: RE: TSB Request for Input: 087-2009-1872: 2009-2010 ESCAPE/MARINER/& HYBRID ELECTRIC VEHICLES, AND 2010 FUSION/MILAN/& HYBRID ELECTRIC VEHICLES - DIAGNOSTIC TROUBLE CODES P0121, P0122, P0221, P0222, P2135.

[REDACTED]
Refresh my memory. When did these parts first get shipped from Delphi? I believe we said the PCA parts should have arrived about 1 Oct to VO. I would put about a week after whenever we think they hit the engine plants as the start date and then pick a date after 1 October, maybe even up to the 15th, to allow for the stragglers at VO.

[REDACTED]
Ford Motor Company

V-Engine Engineering
Duratec Engine Systems

From: [REDACTED]
Sent: Monday, October 19, 2009 8:55 AM
To: [REDACTED]

Subject: FW: TSB Request for Input: 087-2009-1872: 2009-2010 ESCAPE/MARINER/& HYBRID ELECTRIC VEHICLES, AND 2010 FUSION/MILAN/& HYBRID ELECTRIC VEHICLES - DIAGNOSTIC TROUBLE CODES P0121, P0122, P0221, P0222, P2135.

[REDACTED], can you help with correct vehicle build dates ?

[REDACTED]
Electronic Throttle Body Engineering Supervisor
Bldg-1 Cube 12B115
Cell/Text /Pager [REDACTED]
Ford Motor Company

From: [REDACTED]
Sent: Friday, October 16, 2009 11:37 AM
To: [REDACTED]

Subject: TSB Request for Input: 087-2009-1872: 2009-2010 ESCAPE/MARINER/& HYBRID ELECTRIC VEHICLES, AND 2010 FUSION/MILAN/& HYBRID ELECTRIC VEHICLES - DIAGNOSTIC TROUBLE CODES P0121, P0122, P0221, P0222, P2135.

TSB Request for Input

***** NOTE: The system generated the email. *****

This message is being sent on behalf of JISAACSO.

Please provide review and feedback for the article below. The person requesting this feedback may have provided further direction in the comment section below. Forward/Send any comments via email to the person who sent this email.

General Information

Last action taken (as of 10/16/2009 3:37:07 PM GMT): Send for engineering input

Comment: Please review for the 10-21-09 meeting.

Author: JISAACSO

Tracking Number: 087-2009-1872

Author Tracking Number:

087-2009-5432

Title:

2009-2010 ESCAPE/MARINER/& HYBRID ELECTRIC VEHICLES, AND 2010 FUSION/MILAN/& HYBRID ELECTRIC VEHICLES - DIAGNOSTIC TROUBLE CODES P0121, P0122, P0221, P0222, P2135.

Article Type:

TSB

TSB Issue:

Some 2009-2010 Escape/Mariner/ & Hybrid Electric Vehicles, 2010 Fusion/Milan and Fusion/Milan/ & Hybrid Electric Vehicles may exhibit an electronic throttle control engine fail safe mode warning wrench light displayed in the message center or instrument panel and amber electronic throttle control warning lamp on with multiple ETC diagnostic trouble codes (P0121, P0122, P0221, P0222, P2135) present in the power control module. Driveability symptoms may include rough idle, poor acceleration, low RPM drop and lack of throttle response. This may be attributed to the electronic throttle body hardware.

TSB Action:

Follow the Service Procedure steps to correct the condition.

TSB Service Procedure:

1) Verify DTC'S P0121, P0122, P0221, P0222, P2135 are present. If they are present, continue to step 2.

2) If the vehicle build date is from ##### to #####, continue to step 3. If the vehicle build date is not from ##### to #####, refer to PC/ED for further diagnostics.

3) Inspect the electronic throttle body build date, refer to pic #1. If the build date is before September of 2009, or #####, replace the electronic throttle body per the workshop manual procedure #####.

Category:

Service Fix (10 years - TSB Only)

Request Type:

QSF

Would this make a good cost save business case?

Yes

Activity Code:

087 Powertrain Engine

Vehicle Applications:

Vehicle Lines	Model Year Start	Model Year End	Assembly Plants	Body Styles	Engine	Trans Axles	Build From	Build To
Escape	2009	2010	KCAP		2.5L, 3.0L & HEV			
Escape Hybrid	2009	2010	KCAP		2.5L, 3.0L & HEV			
Mariner	2009	2010	KCAP		2.5L, 3.0L & HEV			
Mariner Hybrid	2009	2010	KCAP		2.5L, 3.0L & HEV			
Fusion	2010	2010	HSAP		2.5L, 3.0L & HEV			

Milan	2010	2010	HSAP		2.5L, 3.0L & HEV			
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If SPECS Case, Select all Other Affected Publications:

Changes Needed in Other Pubs:

TSBs to Supersede:

SSMs to Supersede: 20897

ISMs to Supersede:

Other application Articles:

Select the reason for republication: New Part/Procedure For Same Condition

Procedure verified by CDSID: jisaacso

Describe How The Procedure Was Verified: Engineering contained supplier quality issue. Engineering team process.

Do you have access to a vehicle for time study? Yes

If Yes, contact for vehicle CDSID: jisaacso

Labor Operations:

Are Illustrations Required? Yes

If Yes, Contact information for illustrations:

CDSID(Ford only): jisaacso

Full Name:

Phone:

Illustration Notes:

Trustmarks affected: Ford, Mercury

Additional Trustmarks To Notify:

Article Distribution: WDMO, Canada, Mexico, United States

DTC Codes and OASIS Service Codes: P0121, P0122, P0221, P0222, P2135, 698298, 803000, 804000

Causal Basic Part # or Finis Code:

Causal Part # or Finis Code	Warranty Condition Codes
19E616	Body: 42

Calibrations List:

White Paper Numbers:

Parts Request Information

Are Parts Required? Yes

QSF Single Agenda Or Program FRC Date:

Parts List:

	*Type of Part	*Eng #	*Is This Part a Kit?	*Existing Stock#	*Part Name	*Qty/veh.	*Engineering Est. Qty. Needed
1	Existing	9L8E-9F991-BC	No	Sell	Electronic Throttle	1	0

*Calculated Forecast		*@WERS Notice #		*@WERS Date Released		*@Supplier Company
0						
@1st Contact	@1st Contact Phone	Source Code	Service #	Replaced SVC #	°Replaced Eng. #	°Is Calibration Needed
			9L8Z-9E926-A	9L8Z-9E926-A	9L8E-9F991-BC	No

Parts catalog flag needed?

Yes

Part number(s) that require flag:

9L8E-9F991-BC, 9L8Z-9E926-A

Is geographic location significant?

No

Special instructions/remarks:

Supplier quality issue. Part number did not change. Parts with Julian date code of ##### should be replaced.

Article Number:

BCM Number:

(End automated email)

From: [REDACTED]
Sent: Tuesday, October 20, 2009 7:56 AM
To: [REDACTED]
Subject: RE: TSB Request for Input: 087-2009-1872(9)

Is the intent to make a quicker service of a suspect ETB/TPS?
Hopefully this would result is low cost service charge.

[REDACTED]
Air Metering Technical Specialist

[REDACTED]
Ford Motor Company

CELL PHONE NUMBER ([REDACTED]

From: [REDACTED]
Sent: Monday, October 19, 2009 9:01 AM
To: [REDACTED]
Subject: FW: TSB Request for Input: 087-2009-1872: 2009-2010 ESCAPE/MARINER/& HYBRID ELECTRIC VEHICLES, AND 2010 FUSION/MILAN/& HYBRID ELECTRIC VEHICLES - DIAGNOSTIC TROUBLE CODES P0121, P0122, P0221, P0222, P2135.

Do we need / want to publish this? Jim

[REDACTED]
Manager - Component Design C Department
Large Gas & Diesel Engine Engineering

[REDACTED]
- [REDACTED]
ONE FORD: ONE Plan - ONE Team - ONE Goal

From: [REDACTED]
Sent: Friday, October 16, 2009 11:37 AM
To: [REDACTED]
[REDACTED]
Request for Input: 087-2009-1872: 2009-2010 ESCAPE/MARINER/& HYBRID ELECTRIC VEHICLES, AND 2010 FUSION/MILAN/& HYBRID ELECTRIC VEHICLES - DIAGNOSTIC TROUBLE CODES P0121, P0122, P0221, P0222, P2135.

TSB Request for Input

***** NOTE: The system generated the email. *****

This message is being sent on behalf of JISAACSO.

Please provide review and feedback for the article below. The person requesting this feedback may have provided further direction in the comment section below. Forward/Send any comments via email to the person who sent this email.

General Information

Last action taken (as of 10/16/2009 3:37:07 PM GMT): Send for engineering input
Comment: Please review for the 10-21-09 meeting.
Author: JISAACSO
Tracking Number: 087-2009-1872
Author Tracking Number: 087-2009-5432
Title: 2009-2010 ESCAPE/MARINER/& HYBRID ELECTRIC VEHICLES, AND 2010 FUSION/MILAN/& HYBRID ELECTRIC VEHICLES - DIAGNOSTIC TROUBLE CODES P0121, P0122, P0221, P0222, P2135.
Article Type: TSB

TSB Issue:

Some 2009-2010 Escape/Mariner/ & Hybrid Electric Vehicles, 2010 Fusion/Milan and Fusion/Milan/ & Hybrid Electric Vehicles may exhibit an electronic throttle control engine fail safe mode warning wrench light displayed in the message center or instrument panel and amber electronic throttle control warning lamp on with multiple ETC diagnostic trouble codes (P0121, P0122, P0221, P0222, P2135) present in the power control module. Driveability symptoms may include rough idle, poor acceleration, low RPM drop and lack of throttle response. This may be attributed to the electronic throttle body hardware.

TSB Action:

Follow the Service Procedure steps to correct the condition.

TSB Service Procedure:

- 1) Verify DTC'S P0121, P0122, P0221, P0222, P2135 are present. If they are present, continue to step 2.
- 2) If the vehicle build date is from ##### to #####, continue to step 3. If the vehicle build date is not from ##### to #####, refer to PC/ED for further diagnostics.
- 3) Inspect the electronic throttle body build date, refer to pic #1. If the build date is before September of 2009, or #####, replace the electronic throttle body per the workshop manual procedure #####.

Category: Service Fix (10 years - TSB Only)
Request Type: QSF
Would this make a good cost save business case? Yes
Activity Code: 087 Powertrain Engine
Vehicle Applications:

Vehicle Lines	Model Year Start	Model Year End	Assembly Plants	Body Styles	Engine	Trans Axles	Build From	Build To
Escape	2009	2010	KCAP		2.5L, 3.0L			

					& HEV			
Escape Hybrid	2009	2010	KCAP		2.5L, 3.0L & HEV			
Mariner	2009	2010	KCAP		2.5L, 3.0L & HEV			
Mariner Hybrid	2009	2010	KCAP		2.5L, 3.0L & HEV			
Fusion	2010	2010	HSAP		2.5L, 3.0L & HEV			
Milan	2010	2010	HSAP		2.5L, 3.0L & HEV			

If SPECS Case, Select all Other Affected Publications:

Changes Needed in Other Pubs:

TSBs to Supersede:

SSMs to Supersede:

20897

ISMs to Supersede:

Other application Articles:

Select the reason for republication:

New Part/Procedure For Same Condition

Procedure verified by CDSID:

jisaacso

Describe How The Procedure Was Verified:

Engineering contained supplier quality issue.
Engineering team process.

Do you have access to a vehicle for time study? Yes

If Yes, contact for vehicle CDSID:

jisaacso

Labor Operations:

Are Illustrations Required?

Yes

If Yes, Contact information for illustrations:

CDSID(Ford only):

jisaacso

Full Name:

Phone:



Illustration Notes:

Trustmarks affected:

Ford, Mercury

Additional Trustmarks To Notify:

Article Distribution:

WDMO, Canada, Mexico, United States

DTC Codes and OASIS Service Codes:

P0121, P0122, P0221, P0222, P2135, 698298, 803000, 804000

Causal Basic Part # or Finis Code:

Causal Part # or Finis Code	Warranty Condition Codes
19E616	Body: 42

Calibrations List:

White Paper Numbers:

Parts Request Information

Are Parts Required? Yes

QSF Single Agenda Or Program FRC Date:

Parts List:

*Type of Part	*Eng #	*Is This Part a Kit?	*Existing Stock#	*Part Name	*Qty/veh.	*Engineering Est. Qty. Needed
Existing	9L8E-9F991-BC	No	Sell	Electronic Throttle	1	0
*Calculated Forecast		*@WERS Notice #		*@WERS Date Released		*@Supplier Company
0						
@1st Contact	@1st Contact Phone	Source Code	Service #	Replaced SVC #	°Replaced Eng. #	°Is Calibration Needed
			9L8Z-9E926-A	9L8Z-9E926-A	9L8E-9F991-BC	No

Parts catalog flag needed?

Yes

Part number(s) that require flag:

9L8E-9F991-BC, 9L8Z-9E926-A

Is geographic location significant?

No

Special instructions/remarks:

Supplier quality issue. Part number did not change. Parts with Julian date code of ##### should be replaced.

Article Number:

BCM Number:

(End automated email)

From: [REDACTED]
Sent: Monday, October 19, 2009 12:28 PM
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: TSB Request for Input: 087-2009-1872: 2009-2010(1)

I would agree with the end date of 10/15 for the TSB.

We've been saying the start is 6/19 at Engine. So, I'm ok with anything after that for the start date of the TSB... 6/22?

Sincerely,

[REDACTED]
*PD Supervisor - Component C Current Quality
& Rawsonville Resident Engrg - Engine
(Components = Air Metering, Fuel Metering, Ignition, ESMS)
Ford Motor Company - Bldg #1*

From: [REDACTED]
Sent: Monday, October 19, 2009 10:33 AM
To: [REDACTED]
Subject: RE: TSB Request for Input: 087-2009-1872: 2009-2010 ESCAPE/MARINER/& HYBRID ELECTRIC VEHICLES, AND 2010 FUSION/MILAN/& HYBRID ELECTRIC VEHICLES - DIAGNOSTIC TROUBLE CODES P0121, P0122, P0221, P0222, P2135.

[REDACTED]
Refresh my memory. When did these parts first get shipped from Delphi? I believe we said the PCA parts should have arrived about 1 Oct to VO. I would put about a week after whenever we think they hit the engine plants as the start date and then pick a date after 1 October, maybe even up to the 15th, to allow for the stragglers at VO.

[REDACTED]
*Ford Motor Company
V-Engine Engineering
Duratec Engine Systems*

From: [REDACTED]
Sent: Monday, October 19, 2009 8:55 AM
To: [REDACTED]
Subject: FW: TSB Request for Input: 087-2009-1872: 2009-2010 ESCAPE/MARINER/& HYBRID ELECTRIC

VEHICLES, AND 2010 FUSION/MILAN/& HYBRID ELECTRIC VEHICLES - DIAGNOSTIC TROUBLE CODES P0121, P0122, P0221, P0222, P2135.

[REDACTED], can you help with correct vehicle build dates ?

[REDACTED]
Electronic Throttle Body Engineering Supervisor
Bldg-1 Cube 12B115

[REDACTED]
Ford Motor Company

From: [REDACTED]
Sent: Friday, October 16, 2009 11:37 AM
To: [REDACTED]

Subject: TSB Request for Input: 087-2009-1872: 2009-2010 ESCAPE/MARINER/& HYBRID ELECTRIC VEHICLES, AND 2010 FUSION/MILAN/& HYBRID ELECTRIC VEHICLES - DIAGNOSTIC TROUBLE CODES P0121, P0122, P0221, P0222, P2135.

TSB Request for Input

***** NOTE: The system generated the email. *****

This message is being sent on behalf of JISAACSO.

Please provide review and feedback for the article below. The person requesting this feedback may have provided further direction in the comment section below. Forward/Send any comments via email to the person who sent this email.

General Information

Last action taken (as of 10/16/2009 3:37:07 PM GMT):

Send for engineering input

Comment:

Please review for the 10-21-09 meeting.

Author:

JISAACSO

Tracking Number:

087-2009-1872

Author Tracking Number:

087-2009-5432

Title:

2009-2010 ESCAPE/MARINER/& HYBRID ELECTRIC VEHICLES, AND 2010 FUSION/MILAN/& HYBRID ELECTRIC VEHICLES - DIAGNOSTIC TROUBLE CODES P0121, P0122, P0221, P0222, P2135.

Article Type:

TSB

TSB Issue:

Some 2009-2010 Escape/Mariner/ & Hybrid Electric Vehicles, 2010 Fusion/Milan and Fusion/Milan/ & Hybrid Electric Vehicles may exhibit an electronic throttle control engine fail safe

mode warning wrench light displayed in the message center or instrument panel and amber electronic throttle control warning lamp on with multiple ETC diagnostic trouble codes (P0121, P0122, P0221, P0222, P2135) present in the power control module. Driveability symptoms may include rough idle, poor acceleration, low RPM drop and lack of throttle response. This may be attributed to the electronic throttle body hardware.

TSB Action:

Follow the Service Procedure steps to correct the condition.

TSB Service Procedure:

1) Verify DTC'S P0121, P0122, P0221, P0222, P2135 are present. If they are present, continue to step 2.

2) If the vehicle build date is from ##### to #######, continue to step 3. If the vehicle build date is not from ##### to #######, refer to PC/ED for further diagnostics.

3) Inspect the electronic throttle body build date, refer to pic #1. If the build date is before September of 2009, or #######, replace the electronic throttle body per the workshop manual procedure #####.

Category: Service Fix (10 years - TSB Only)
Request Type: QSF
Would this make a good cost save business case? Yes
Activity Code: 087 Powertrain Engine
Vehicle Applications:

Vehicle Lines	Model Year Start	Model Year End	Assembly Plants	Body Styles	Engine	Trans Axles	Build From	Build To
Escape	2009	2010	KCAP		2.5L, 3.0L & HEV			
Escape Hybrid	2009	2010	KCAP		2.5L, 3.0L & HEV			
Mariner	2009	2010	KCAP		2.5L, 3.0L & HEV			
Mariner Hybrid	2009	2010	KCAP		2.5L, 3.0L & HEV			
Fusion	2010	2010	HSAP		2.5L, 3.0L & HEV			
Milan	2010	2010	HSAP		2.5L, 3.0L & HEV			

If SPECS Case, Select all Other Affected

Publications:

Changes Needed in Other Pubs:

TSBs to Supersede:

SSMs to Supersede:

20897

ISMs to Supersede:

Other application Articles:

Select the reason for republication:

New Part/Procedure For Same Condition

Procedure verified by CDSID: jisaacso
Describe How The Procedure Was Verified: Engineering contained supplier quality issue.
 Engineering team process.
Do you have access to a vehicle for time study? Yes
If Yes, contact for vehicle CDSID: jisaacso
Labor Operations:

Are Illustrations Required? Yes
If Yes, Contact information for illustrations:
CDSID(Ford only): jisaacso
Full Name: [REDACTED]
Phone: [REDACTED]
Illustration Notes:

Trustmarks affected: Ford, Mercury
Additional Trustmarks To Notify:
Article Distribution: WDMO, Canada, Mexico, United States
DTC Codes and OASIS Service Codes: P0121, P0122, P0221, P0222, P2135, 698298, 803000, 804000

Causal Basic Part # or Finis Code:

Causal Part # or Finis Code	Warranty Condition Codes
19E616	Body: 42

Calibrations List:

White Paper Numbers:

Parts Request Information

Are Parts Required? Yes

QSF Single Agenda Or Program FRC Date:

Parts List:

*Type of Part	*Eng #	*Is This Part a Kit?	*Existing Stock#	*Part Name	*Qty/veh.	*Engineering Est. Qty. Needed
Existing	9L8E-9F991-BC	No	Sell	Electronic Throttle	1	0
1	*Calculated Forecast		*@WERS Notice #		*@WERS Date Released	
	0				*@Supplier Company	
@1st Contact	@1st Contact Phone	Source Code	Service #	Replaced SVC #	°Replaced Eng. #	°Is Calibration Needed
			9L8Z-9E926-A	9L8Z-9E926-A	9L8E-9F991-BC	No

Parts catalog flag needed? Yes
Part number(s) that require flag: 9L8E-9F991-BC, 9L8Z-9E926-A

Is geographic location significant?
Special instructions/remarks:

No
Supplier quality issue. Part number did not change. Parts with Julian date code of ##### should be replaced.

Article Number:
BCM Number:

(End automated email)

From: [REDACTED]
Sent: Thursday, October 22, 2009 2:28 PM
To: [REDACTED]
[REDACTED]
Subject: RE: Work Notification: 087-2009-1872R1
Attachments: RE: Work Notification: 087-2009-1872: 2009-2010 Escape/Mariner And Hybrid/2010 Fusion/Milan And Hybrid - Built Between 6/22/2009 - 10/15/2009 - MIL On With DTC P2135; FW: NEW CONCERNS - 22-SEP-2009

Team,
Attached email is what I sent to [REDACTED]. The agreement back in August was one (1) comprehensive ETB TSB for all known supplier quality issues.

Again...
If part number did not change, then you need to provide dealer a way to differentiate between good/bad parts. QCN to sort service parts does not extend to dealer stock.

Also...
Other concerns have arose since we met in August. Tom Bushman, KCAP PTE Resident, has requested we incorporate the attached ETB vs. Throttle Pedal chart, if possible.

Sincerely,
[REDACTED]
Escape PVI - FCSD Product Concern Engineer
[REDACTED]

From: [REDACTED]
Sent: Thursday, October 22, 2009 2:15 PM
To: [REDACTED]
Subject: FW: Work Notification: 087-2009-1872R1: 2009-2010 Escape/Mariner And Hybrid/2010 Fusion/Milan And Hybrid - Built Between 6/22/2009 - 10/15/2009 - MIL On With DTC P2135

Team,
Need some help here..

Reject and return to author

Comment:

Per [REDACTED] at FCSD: Please reject this TSB. The team agreement was to publish one (1) Electronic Throttle Body TSB that included SSM 20897 in format. The TSB should be opened to include all 2009-2010MY EM & 2010MY F/M built on/before 10/15/09.

From: [REDACTED]
Sent: Thursday, October 22, 2009 2:04 PM
To: [REDACTED]
Subject: Work Notification: 087-2009-1872R1: 2009-2010 Escape/Mariner And Hybrid/2010 Fusion/Milan And Hybrid - Built Between 6/22/2009 - 10/15/2009 - MIL On With DTC P2135

Work Notification

***** NOTE: The system generated the email. Do not reply to this email *****

You have some work to complete in the Technical Web Authoring System. Please review this information and complete the required work in your TWAS workbox as soon as possible.

Title:	2009-2010 Escape/Mariner And Hybrid/2010 Fusion/Milan And Hybrid - Built Between 6/22/2009 - 10/15/2009 - MIL On With DTC P2135
Last act and comments by:	BBRADCOSas of 10/22/2009 6:04:19 PM GMT
Last action:	Reject and return to author Per [REDACTED] at FCSD: Please reject this TSB. The team agreement was to publish one (1) Electronic Throttle Body TSB that included SSM 20897 in format. The TSB should be opened to include all 2009-2010MY EM & 2010MY F/M built on/before 10/15/09.
Comment:	

Select this URL to access this instance of work:

http://www.gsi.ford.com/modules/TWASBCMWeb/EditTSBSSM/Default.aspx?idItem_9b76bfd0-fc4e-48bd-8607-8abea1944914&idWorkboxEntry_130d814c-9e4f-45b7-b07a-87b8b5002c71

Select this URL to access your Workbox:

<http://www.gsi.ford.com/modules/TWASBCMWeb/Admin/ViewWorkbox.aspx>

(End automated email)

From: [REDACTED]
Sent: Thursday, October 22, 2009 1:53 PM
To: [REDACTED]
Subject: RE: Work Notification: 087-2009-1872: 2009-2010 Escape/Mariner And Hybrid/2010 Fusion/Milan And Hybrid - Built Between 6/22/2009 - 10/15/2009 - MIL On With DTC P2135
Attachments: RE: QCN for Delphi Parts at FCSD - 2.5L Throttle Body Codes; SSM 20897.pdf

[REDACTED]
Please reject.

The team agreement was to publish one (1) Electronic Throttle Body TSB that included attached SSM in format similar to attached TSB. The TSB should be opened to include all 2009-2010MY EM & 2010MY F/M built on/before 10/15/09. It should be written in two (2) parts:

1. If built on/before 6/15/09, and sets DTC xxx, then check supplier date code & replace ETB per criteria.
2. If built on/between 6/22/09-10/15/09, and sets DTC xxx, then replace ETB.

Sincerely,

[REDACTED]
Escape PVI - FCSD Product Concern Engineer
[REDACTED]

From: [REDACTED]
Sent: Thursday, October 22, 2009 1:38 PM
To: [REDACTED]
Subject: RE: Work Notification: 087-2009-1872: 2009-2010 Escape/Mariner And Hybrid/2010 Fusion/Milan And Hybrid - Built Between 6/22/2009 - 10/15/2009 - MIL On With DTC P2135

[REDACTED]
Do not approve or reject. I need a minute to research. They were supposed to combine previous SSMs into a single TSB that checked Julian code on part. This appears to only capture only one of the supplier quality issues for this part.

From: [REDACTED].)
Sent: Thursday, October 22, 2009 1:27 PM
To: [REDACTED]
Subject: FW: Work Notification: 087-2009-1872: 2009-2010 Escape/Mariner And Hybrid/2010 Fusion/Milan And Hybrid - Built Between 6/22/2009 - 10/15/2009 - MIL On With DTC P2135

Please review this cross-vehicle line TSB and provide me with any suggestions regarding it, but please don't approve it yourself so that we all have a chance to review it. I'll volunteer to handle the actual approval.

One suggestion I have is to eliminate all of the TSB Service Procedure with the exception of "Replace the ETB per the Workshop Manual (WSM), Section 303-04." The rest of the text is redundant and adds no value since the build date is captured in the title, in the Issue, and in the build date coding of the TSB.

[REDACTED]
FCSD Product Concern Engineer
- E-Series
- Ford Work Solutions
- Escape/Mariner/Fusion/Milan Hybrids Only
Ford Diagnostic Service Center I, Room 205
[REDACTED]

From: [REDACTED]
Sent: Thursday, October 22, 2009 11:42 AM
To: [REDACTED]
Subject: Work Notification: 087-2009-1872: 2009-2010 Escape/Mariner And Hybrid/2010 Fusion/Milan And Hybrid - Built Between 6/22/2009 - 10/15/2009 - MIL On With DTC P2135

Work Notification

***** NOTE: The system generated the email. Do not reply to this email *****

You have some work to complete in the Technical Web Authoring System. Please review this information and complete the required work in your TWAS workbook as soon as possible.

Title:	2009-2010 Escape/Mariner And Hybrid/2010 Fusion/Milan And Hybrid - Built Between 6/22/2009 - 10/15/2009 - MIL On With DTC P2135
Last act and comments by:	RKLUMPas of 10/22/2009 3:41:32 PM GMT
Last action:	Accept/Submit to approvers
Comment:	

Select this URL to access this instance of work:

http://www.gsi.ford.com/modules/TWASBCMWeb/EditTSBSSM/Default.aspx?idItem_9b76bfd0-fc4e-48bd-8607-8abea1944914&idWorkboxEntry_6e9dc233-fc01-4a4a-89d6-73b185df7bfd

Select this URL to access your Workbook:

<http://www.gsi.ford.com/modules/TWASBCMWeb/Admin/ViewWorkbook.aspx>

(End automated email)

From: [REDACTED]
Sent: Wednesday, August 12, 2009 10:41 AM
To: [REDACTED]
Subject: RE: QCN for Delphi Parts at FCSD - 2.5L Throttle Body Codes

FYI...

For supplier quality issues, if part number is not changed, then we need to provide a way to differentiate good/bad part (i.e. Julian date code, paint dot, etc.). That can be done in TSB with graphic showing location of marking and verbiage (example attached). QCN does not extend to dealer stock nor export market part depots. Those parts will not be scrapped and/or reworked by supplier. They will be installed in vehicle per SSM and return for repeat repair. If you specify "replace part for supplier quality issue if it meets this criteria", then you'll decrease your warranty for diagnostic time and unnecessary replacement. There is no way to monitor/control SSM usage.



[REDACTED]

Sincerely,

[REDACTED]
Escape PVT - FCSD Product Concern Engineer
[REDACTED]

From: [REDACTED]
Sent: Wednesday, August 12, 2009 10:14 AM
To: [REDACTED]
Subject: RE: QCN for Delphi Parts at FCSD - 2.5L Throttle Body Codes

I requested the QCN, because I had reports after the SSM.

I'm Ok with leaving SSM. For future reference...
TSB = final fix
SSM = information Only

From: [REDACTED]
Sent: Wednesday, August 12, 2009 9:51 AM
To: [REDACTED]
Subject: RE: QCN for Delphi Parts at FCSD - 2.5L Throttle Body Codes

Thanks [REDACTED]

[REDACTED] **I'm not convinced this concern justifies superseding the SSM with a TSB release. Do you have CQIS reports, business case that would substantiate a TSB release or do you agree to monitor and revisit if needed ? Thanks**

[REDACTED]
Super-Duty PT Quality
[REDACTED]

From: [REDACTED]
Sent: Wednesday, August 12, 2009 9:38 AM
To: [REDACTED]
RE: QCN for Delphi Parts at FCSD - 2.5L Throttle Body Codes

Any Stock shipped with a Delphi ETB Build Date of 5/27/09 or later is certified stock.

Note that there were also previous build dates at Delphi that were entirely clean... utilized chips from a PVD2 process that is superior to the process of concern (PVD1) and has not shown any defects for the chip timing error.
ALSO NOTE that the Upper end of the failure rate on the suspect PVD1 process is expected to be 173ppm.

We absolutely need to keep that in perspective so that this is not blown out of proportion.

Sincerely,

[REDACTED]
*PD Supervisor - Component C Current Quality
& Rawsonville Resident Engrg - Engine
(Components = Air Metering, Fuel Metering, Ignition, ESMS)
Ford Motor Company - Bldg #1*

From: [REDACTED]
Sent: Wednesday, August 12, 2009 9:25 AM
To: [REDACTED]
Subject: RE: QCN for Delphi Parts at FCSD - 2.5L Throttle Body Codes

The QCN cleaned the suspect stock from the Depots for FCSD. The QCN did not contain a stated clean service date, but any stock shipped to FCSD after the QCN was issued should be certified stock. The QCN was issued by FCSD on 8/4/2009

From: [REDACTED]
[REDACTED] Tuesday, August 11, 2009 11:54 AM
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: QCN for Delphi Parts at FCSD - 2.5L Throttle Body Codes

Can [REDACTED] confirm clean service stock date ? Are we reworking existing service stock per Mr. Langley's directive ? Will ask Mr. Langley for feedback on converting SSM 20897 to a TSB.

OASIS SPECIAL SERVICE MESSAGE NUMBER: 20897

MESSAGE TITLE: 2009 ESCAPE/MARINER, ESCAPE/MARINER HEV, AND 2010 FUSION/MILAN, FUSION/MILAN HYBRIDS BUILT BEFORE 06/15/09 - DIAGNOSTIC TROUBLE CODES

APPLICABLE VEHICLES :
2010 CAR : 00170 FUSION

2010 CAR : 00171 MILAN
2009 - 2010 TRUCK : 00130 ESCAPE
2009 - 2010 TRUCK : 00163 MARINER

OASIS MESSAGE :

SOME 2009 ESCAPE/MARINER/HYBRID AND 2010 FUSION/MILAN/HYBRID VEHICLES, EXCLUDING THE 3.5L ENGINE, BUILT PRIOR TO 6/15/2009, MAY EXHIBIT A MALFUNCTION INDICATOR LIGHT(MIL) AND/OR LACKS POWER CONDITION WITH DIAGNOSTIC TROUBLE CODES P0122 AND/OR P0222. TO PROPERLY DIAGNOSE THIS CONDITION, PERFORM PC/ED PINPOINT TEST DV DIAGNOSTIC SUBROUTINE, INCLUDING CHECKING THE WIRING HARNESS CONNECTIONS FOR PROPER SEATING. IF THE ROOT CAUSE IS UNDETERMINED, REPLACE THE ELECTRONIC THROTTLE BODY.

APPLICABLE SYMPTOM CODES :

P0122 DIAGNOSTIC TROUBLE CODE (DTC)
P0222 DIAGNOSTIC TROUBLE CODE (DTC)
698298 DRIVEABILITY MALFUNCTION INDICATOR LAMP - MIL
800000 GENERAL-PREDELIVERY RUNNING CHANGES
804000 PRE-DELIVERY

[REDACTED]
Super-Duty PT Quality
[REDACTED]

From: [REDACTED]
[REDACTED] Tuesday, August 11, 2009 11:22 AM
To: [REDACTED]
[REDACTED] RE: QCN for Delphi Parts at FCSD - 2.5L Throttle Body Codes

Need confirmed good service stock clean date. QCN issue date is not same depot clean date. This concern will remain open for Escape/Mariner until depot audit confirmed complete. I'd prefer SSM replaced with TSB, at that point, as this is a final fix for supplier quality issue. We will be able to monitor future usage/containment with TSB unique labor code.

From: [REDACTED]
Sent: Monday, August 10, 2009 11:45 AM
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: QCN for Delphi Parts at FCSD - 2.5L Throttle Body Codes

My pleasure

[REDACTED]
Super-Duty PT Quality
[REDACTED]

From: [REDACTED]
To: [REDACTED]
Cc: Gudino Mendoza, Martin (J.M.)
Subject: FW: QCN for Delphi Parts at FCSD - 2.5L Throttle Body Codes

[REDACTED]
The QCN on Delphi's suspect 2.5L throttle bodies is completed. We are moving forward on closing this emerging concern for both CD3XX and U377 platforms. We are monitoring field reports, and see if any repeat repairs are evident in the near future. Thanks.

Thanks for you support on closing this Cross Commodity issue.

Regards,


Product Concern Engineer
Fusion/Milan/Zephyr/MKZ
Ford Customer Service Division
[REDACTED]

From: [REDACTED]
Sent: Tuesday, August 04, 2009 11:07 AM
To: [REDACTED]
Cc: [REDACTED]
Subject: QCN for Delphi Parts at FCSD

[REDACTED]
Attached is a completed QCN Form from Delphi for the return of 190 pcs for review and testing at their facility.

<< File: QCN Request Form.xls >>

Delphi Team

Based on this QCN FCSD will issue QR's which the depots will follow for the return of the stock to your facility for review and inspection. Your team will need to provide disposition on the QR's which is part of the D3 when they are issued. You will also need to provide me with documentation on the results / testing of the parts. The qty on the QR maybe potentially reduced based on how many your team finds defective.

[REDACTED]
FCSD STA Quality Engineer
KVannort@Ford.com
[REDACTED]

CLIMATE CONTROL TEMPERATURE VARIATION FROM SIDE TO SIDE—BUILT BEFORE 12/17/2008

TSB 09-2-3

FORD:
2008-2009 Escape Hybrid, Escape

MERCURY:
2008-2009 Mariner Hybrid, Mariner

ISSUE

Some 2008-2009 Escape, Mariner, Escape Hybrid and Mariner Hybrid vehicles built before 12/17/2008 may exhibit intermittent or erratic side to side temperature difference and/or temp fluctuation from the climate control vents. The concern may be with the temperature blend door actuator.

ACTION

Follow the Service Procedure steps to correct the condition.

SERVICE PROCEDURE

1. Remove temperature blend door actuator(s) per Workshop Manual (WSM), Section 412-01.
2. Inspect the 5 digit manufacturer's date code on the temperature blend door actuator. It will be the last 5 digits on the second line of manufacturer's data. The first three digits equal day of year. The last two digits equal year. (Figure 1)

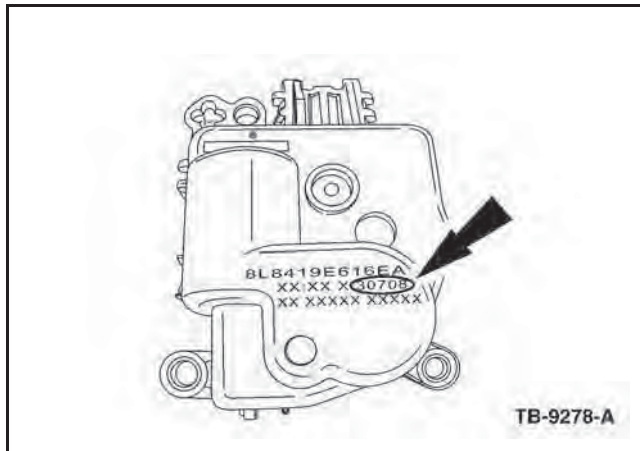


Figure 1 - Article 09-2-3

- a. If the date code is 30708 or lower - replace the temperature blend door actuator assembly.

- b. If the date code is 30808 or higher - reinstall the actuator and continue with normal diagnostics per WSM, Section 412-00.

NOTE

IF THE VEHICLE IS EQUIPPED WITH DUAL AUTOMATIC TEMPERATURE CONTROL (DATC), AND EITHER ONE OF THE ACTUATORS EXHIBITS THIS CONCERN AND HAS SUSPECT DATE CODE, THEN REPLACE BOTH RIGHT (RH) AND LEFT HAND (LH) ACTUATORS AS A SET.

NOTE

INSPECT THE 5 DIGIT MANUFACTURER'S DATE CODE ON THE SERVICE PART BEFORE INSTALLING IN THE VEHICLE.

PART NUMBER	PART NAME
8L8Z-19E616-F	RH/LH Temperature Blend Door Actuator Assembly

WARRANTY STATUS: Eligible Under Provisions Of New Vehicle Limited Warranty Coverage
IMPORTANT: Warranty coverage limits/policies are not altered by a TSB. Warranty coverage limits are determined by the identified causal part.

OPERATION	DESCRIPTION	TIME
090203A	2008-2009 Escape, Mariner, Escape Hybrid, Mariner Hybrid: Inspect Or Replace One Blend Door Actuator Electronic Manual Temperature Control (EMTC) (Do Not Use With 19700D, 19700D6, 14056D5)	1.0 Hr.

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. Warranty Policy and Extended Service Plan documentation determine Warranty and/or Extended Service Plan coverage unless stated otherwise in the TSB article. The information in this Technical Service Bulletin (TSB) was current at the time of printing. Ford Motor Company reserves the right to supersede this information with updates. The most recent information is available through Ford Motor Company's on-line technical resources.

TSB 09-2-3 (Continued)

090203B 2008-2009 Escape,
Mariner, Escape Hybrid,
Mariner Hybrid: Inspect Or
Replace Both Blend Door
Actuators DATC (Do Not
Use With 19700D,
19700D6, 14056D5)

1.1 Hrs.

DEALER CODING

BASIC PART NO.
19E616

CONDITION
CODE
42

OASIS SPECIAL SERVICE MESSAGE NUMBER: 20897

MESSAGE TITLE: 2009 ESCAPE/MARINER, ESCAPE/MARINER HEV, AND 2010 FUSION/MILAN, FUSION/MILAN HYBRIDS BUILT BEFORE 06/15/09 - DIAGNOSTIC TROUBLE CODES

APPLICABLE VEHICLES :

2010 CAR : 00170 FUSION

2010 CAR : 00171 MILAN

2009 - 2010 TRUCK : 00130 ESCAPE

2009 - 2010 TRUCK : 00163 MARINER

OASIS MESSAGE :

SOME 2009 ESCAPE/MARINER/HYBRID AND 2010 FUSION/MILAN/HYBRID VEHICLES, EXCLUDING THE 3.5L ENGINE, BUILT PRIOR TO 6/15/2009, MAY EXHIBIT A MALFUNCTION INDICATOR LIGHT(MIL) AND/OR LACKS POWER CONDITION WITH DIAGNOSTIC TROUBLE CODES P0122 AND/OR P0222. TO PROPERLY DIAGNOSE THIS CONDITION, PERFORM PC/ED PINPOINT TEST DV DIAGNOSTIC SUBROUTINE, INCLUDING CHECKING THE WIRING HARNESS CONNECTIONS FOR PROPER SEATING. IF THE ROOT CAUSE IS UNDETERMINED, REPLACE THE ELECTRONIC THROTTLE BODY.

APPLICABLE SYMPTOM CODES :

P0122 DIAGNOSTIC TROUBLE CODE (DTC)

P0222 DIAGNOSTIC TROUBLE CODE (DTC)

600000 DRIVABILITY (GENERAL)

698298 DRIVEABILITY MALFUNCTION INDICATOR LAMP - MIL

800000 GENERAL-PREDELIVERY RUNNING CHANGES

804000 PRE-DELIVERY

From: [REDACTED]
Sent: Monday, September 28, 2009 12:18 PM
To: [REDACTED]
Subject: FW: NEW CONCERNS - 22-SEP-2009
Attachments: ETB and Pedal Code Cheat Sheet.ppt

FYI -- we need to get something like this out to the dealer body.

Regards,

[REDACTED]
U377 Powertrain Engineering Supervisor
Kansas City Assembly Plant
[REDACTED]

From: [REDACTED]
Sent: Monday, September 28, 2009 11:17 AM
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: NEW CONCERNS - 22-SEP-2009

[REDACTED] - I'm posting this SPL to help the Repair Technicians diagnose vehicles with ETB and Throttle Pedal Codes. Comments?

Regards,

[REDACTED]
U377 Powertrain Engineering Supervisor
Kansas City Assembly Plant
[REDACTED]

From: [REDACTED]
Sent: Friday, September 25, 2009 4:34 PM
To: [REDACTED]
Subject: RE: NEW CONCERNS - 22-SEP-2009

[REDACTED]
In general, where it mentions signals "Throttle / Pedal position sensor switch A or B," it's the Circuit to the ETB.

- "A," "B," and "C" are related to the ETB circuit. "C" really isn't used in most of our Ford applications. It's there in case we have a 3rd TP signal. Used on one Jag model early on.
- "D," "E," and "F" are related to the Pedal Circuit. I don't think "F" is used in most of our app's. Same situation as above... there in case there is a 3rd pedal position sensor signal.

For all of these, the issue can presumably occur anywhere between the PCM sensing the issue and the component in question. In other words, the wire harness and connections are part of the "system" that the PCM is evaluating when setting these codes.

I know that difference between A, B, C and D, E, F are not well defined/documented. But, if you have access to the Ford PTS (Prof Technician Society) website, the PCED/Diagnostics for the specific P-codes are available in there. Those "should" send you in the right direction!

Sincerely,

[REDACTED]
*PD Supervisor - Component C Current Quality
& Rawsonville Resident Engrg - Engine
(Components = Air Metering, Fuel Metering, Ignition, ESMS)
Ford Motor Company - Bldg #1*
[REDACTED]

From: [REDACTED]
Sent: Friday, September 25, 2009 9:48 AM
To: [REDACTED]
Subject: RE: NEW CONCERNS - 22-SEP-2009

Turned out that a Throttle Pedal change was also required. Wanted to be on the safe side so I sent ETB back to Delphi as a double check precaution.

The Code Book is not descriptive enough - do you have cheat sheet that breaks down which codes only apply to Pedal and which ones only apply to ETB?

Regards,

[REDACTED]
U377 Powertrain Engineering Supervisor
Kansas City Assembly Plant
[REDACTED]

From: [REDACTED]
[REDACTED] Tuesday, September 22, 2009 10:04 AM
To: [REDACTED]
Cc: Shapardanis, Michael (M.S.); Davis, Andrae (A.L.)
Subject: FW: NEW CONCERNS - 22-SEP-2009

P2127 looks to be a Pedal Circuit code to me, not ETB. But, the replacement of the ETB alone fixed the issue?

Sincerely,

*PD Supervisor - Component C Current Quality
& Rawsonville Resident Engrg - Engine
(Components = Air Metering, Fuel Metering, Ignition, ESMS)
Ford Motor Company - Bldg #1*

From: [REDACTED]
Sent: Tuesday, September 22, 2009 2:30 AM
Subject: NEW CONCERNS - 22-SEP-2009

Resident Engineering Defect Concern Reporting System REPORT PRODUCED ON 22-SEP-2009 FOR SLANGLE1

ITEMS DATED 21-SEP-2009

Assembly Plant	AP06A-Kansas City	Entry Date	21-SEP-2009
Resident	[REDACTED]	Build Plant	EF02A-Cleveland Engine #2
Vehicle Build Date	10-SEP-2009	Launch	NO
RESTAG	141692	Tran Type	REPAIR
PartNumber	0G-758-BA	Model	3.0L RFF 4V
BuildDate	01-SEP-2009	Serial	9222-81055
ModelYear	2010	VIN	AKA41581
ConcernNumber	98389	Responsible	PTO
Quantity	1	VehicleType	ENGINE
Detail	ETB Suspect - Fault Code P1124 - TPS_A_OUT_OF_RANGE		
Attachment			

Assembly Plant	AP06A-Kansas City	Entry Date	21-SEP-2009
Resident	[REDACTED]	Build Plant	EF02A-Cleveland Engine #2
Vehicle Build Date	03-SEP-2009	Launch	NO
RESTAG	141688	Tran Type	REPAIR
PartNumber	0G-758-BA	Model	3.0L RFF 4V
BuildDate	27-AUG-2009	Serial	9185-94055
ModelYear	2010	VIN	AKA39916
ConcernNumber	98391	Responsible	PTO
Quantity	1	VehicleType	ENGINE
Detail	Open circuits in CHT, O2, CMP & MAP. Engine Wire Harness changed out.		

Attachment	
------------	--

Assembly Plant	AP06A-Kansas City	Entry Date	21-SEP-2009
Resident		Build Plant	EF02A-Cleveland Engine #2
Vehicle Build Date	11-SEP-2009	Launch	NO
RESTAG	141582	Tran Type	PULL
PartNumber	0G-758-BA	Model	3.0L RFF 4V
BuildDate	11-SEP-2009	Serial	9220-11055
ModelYear	2010	VIN	AKA45330
ConcernNumber	98393	Responsible	PTO
Quantity	1	VehicleType	ENGINE
Detail	Oil leak at pan rail - all the way around.		
Attachment			

Assembly Plant	AP06A-Kansas City	Entry Date	21-SEP-2009
Resident		Build Plant	EF02A-Cleveland Engine #2
Vehicle Build Date	27-AUG-2009	Launch	NO
RESTAG	141689	Tran Type	PULL
PartNumber	0G-758-BA	Model	3.0L RFF 4V
BuildDate	11-AUG-2009	Serial	9135-27055
ModelYear	2010	VIN	AKM01358
ConcernNumber	98394	Responsible	PTO
Quantity	1	VehicleType	ENGINE
Detail	#2 Bearing Ladder Bolt not seat / cross threaded - broke while trying to repair (to seat).		
Attachment	DSCF3272.jpg DSCF3273.jpg DSCF3274.jpg		

Assembly Plant	AP06A-Kansas City	Entry Date	21-SEP-2009
Resident		Build Plant	EF02A-Cleveland Engine #2
Vehicle Build Date	13-AUG-2009	Launch	NO
RESTAG	141610	Tran Type	REPAIR
PartNumber	0G-758-BA	Model	3.0L RFF 4V
BuildDate	08-AUG-2009	Serial	9116-77055
ModelYear	2010	VIN	AKA11162
ConcernNumber	98402	Responsible	PTO
Quantity	1	VehicleType	ENGINE
Detail	#1 Spark Plug gap too small, causing a rough idle. Plug to be returned to N.Olmos.		

Attachment	
------------	--

Assembly Plant	AP06A-Kansas City	Entry Date	21-SEP-2009
Resident		Build Plant	EF18A-Chihuahua Engine
Vehicle Build Date	05-SEP-2009	Launch	NO
RESTAG	141690	Tran Type	REPAIR
PartNumber	0G-316-AA	Model	2.5L DURA HE
BuildDate	25-AUG-2009	Serial	012334
ModelYear	2010	VIN	AKA30148
ConcernNumber	98390	Responsible	PTO
Quantity	1	VehicleType	ENGINE
Detail	ETB Suspect - P2127, THROTTLE_CIRCUIT_LOW		
Attachment			

Assembly Plant	AP06A-Kansas City	Entry Date	21-SEP-2009
Resident		Build Plant	EF18A-Chihuahua Engine
Vehicle Build Date	04-SEP-2009	Launch	NO
RESTAG	141653	Tran Type	PULL
PartNumber	0G-316-AA	Model	2.5L DURA HE
BuildDate	06-AUG-2009	Serial	17-5226
ModelYear	2010	VIN	AKA40148
ConcernNumber	98392	Responsible	PTO
Quantity	1	VehicleType	ENGINE
Detail	ENGINE PART NUMBER IS 0G-313-CA, which is not in the data base. PULLED - suspect Camshafts out of timing. Changed VCT Solenoid, Sensor, PCM, pinned out, still getting P0340 & P0344.		
Attachment			

Assembly Plant	AP06A-Kansas City	Entry Date	21-SEP-2009
Resident		Build Plant	EF18A-Chihuahua Engine
Vehicle Build Date	04-SEP-2009	Launch	NO
RESTAG	141652	Tran Type	REPAIR
PartNumber	0G-316-AA	Model	2.5L DURA HE
BuildDate	08-AUG-2009	Serial	122940
ModelYear	2010	VIN	AKA30999
ConcernNumber	98396	Responsible	PTO
Quantity	1	VehicleType	ENGINE
Detail	ETB Fault Code P2127		

Attachment	
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Assembly Plant	AP06A-Kansas City	Entry Date	21-SEP-2009
Resident		Build Plant	EF18A-Chihuahua Engine
Vehicle Build Date	14-AUG-2009	Launch	NO
RESTAG	141649	Tran Type	REPAIR
PartNumber	0G-316-AA	Model	2.5L DURA HE
BuildDate	31-JUL-2009	Serial	030944
ModelYear	2010	VIN	AKA10083
ConcernNumber	98397	Responsible	PTO
Quantity	1	VehicleType	ENGINE
Detail	ETB Failure - found during ETB Campaign - returned to Delphi - P2135.		
Attachment			

Assembly Plant	AP06A-Kansas City	Entry Date	21-SEP-2009
Resident		Build Plant	EF18A-Chihuahua Engine
Vehicle Build Date	10-AUG-2009	Launch	NO
RESTAG	141643	Tran Type	RETURN
PartNumber	9G-314-DA	Model	2.5L DURA HYB
BuildDate	13-JUL-2009	Serial	145114
ModelYear	2010	VIN	AKA08216
ConcernNumber	98399	Responsible	PTO
Quantity	1	VehicleType	ENGINE
Detail	Engine overheated on test drive - was missing the FEAD Belt. NO QR.		
Attachment			

NOTE: Please do not reply to or forward this note to REDCRSIIMailer.
 For issues pertaining to the REDCRSII "reporting system", please contact Glenn Visbeck (GVISBECK).
 For issues pertaining to the "concerns" listed in this report, please contact the PTO Resident Engineer at the appropriate Assembly Plant.
 Thank you.

ETB / Throttle Pedal Fault Code Cheat Sheet

Electronic Throttle Body (ETB) Fault Codes:

P2100 thru P2119, referencing Circuit "A", "B", or "C".

P2135 thru P2157, referencing Circuit "A", "B", or "C".

Recommendation: Change ETB

Throttle Pedal Fault Codes:

P2120 thru P2134, referencing Circuit "D", "E", or "F".

P2138 thru P2140, referencing Circuit "D", "E", or "F".

Recommendation: Change Throttle Pedal

From: [REDACTED]
Sent: Monday, January 11, 2010 8:13 AM
To: [REDACTED]
Subject: RE: TSB Info 087-2009-2122

[REDACTED]
I was in Ontario on Friday. Still, not sure why the call wouldn't go through. I had other calls & messages come through, but may have depended upon my location/reception at the time.

I cannot locate 070-2009-2257. How would I look that up?

Once I locate it, I can give you a call later this morning or this afternoon.

Sincerely,

[REDACTED]
*PD Supervisor - Component C Current Quality
& Rawsonville Resident Engrg - Engine
(Components = Air Metering, Fuel Metering, Ignition, ESMs)
Ford Motor Company - Bldg #1*
[REDACTED]

From: [REDACTED]
Sent: Friday, January 08, 2010 2:03 PM
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: TSB Info 087-2009-2122

I just tried to call you, [REDACTED] your cell is not doing voice mail...just beeps.

I wanted to discuss a second TSB with you that seems related. 070-2009-2257 ...same concern except for Superduty.

As these are Emission Reportable parts, I think we need to review this in the Emission Problem Review Committee (EPRC). Please give me a call to discuss when you can.

[REDACTED]
Ford Motor Company
Vehicle Environmental Engineering
Environment, Energy Planning & Compliance
Phone: [REDACTED]
[REDACTED]

From: [REDACTED]
Sent: Tuesday, January 05, 2010 11:15 AM
To: [REDACTED]
Subject: RE: TSB Info 087-2009-2122

[REDACTED]

A circuit board in the Throttle Position Sensor of the ETB had an issue with plating on the circuits in the via holes through the board.
I can double-check the expected occurrence rate, but it's something in the range of 2 to 5 R /1000, overall.
We had an ICA applied to a quantity of parts, followed by a PCA.
I can also show you a chart of the claims showing a clear improvement after 10/1 vehicle build dates.
Let me know what you need.

Mike's out on vacation this week. But between myself and the rest of the team, we should be able to answer all of your questions.

Sincerely,

[REDACTED]

*PD Supervisor - Component C Current Quality
& Rawsonville Resident Engrg - Engine
(Components = Air Metering, Fuel Metering, Ignition, ESMs)
Ford Motor Company - Bldg #1*

[REDACTED]

From: [REDACTED]
Sent: Tuesday, January 05, 2010 10:02 AM
To: [REDACTED], [REDACTED]
Subject: RE: TSB Info 087-2009-2122

[REDACTED]

I would start with [REDACTED] and [REDACTED] are the main contacts. From my recollection, this TSB attempts to cover to issues with the TPS sensor from the vendor... but I will let Mike and Scott speak to the exact issues.

<< File: Default.pdf >> << File: tsb09-23-05.pdf >>

From: [REDACTED]
Sent: Tuesday, January 05, 2010 9:43 AM
To: [REDACTED]
Subject: TSB Info 087-2009-2122

Per our phone conversation:

2009-2010 Escape/Mariner/Fusion/Milan I4 (Gas and Hybrid)

Please send product contact info for the ETC and any info on what caused the concern (why are we replacing ETC's?).

Thanks!!

[REDACTED]

Ford Motor Company
Vehicle Environmental Engineering
Environment, Energy Planning & Compliance

[REDACTED]

From: [REDACTED]
Sent: Tuesday, December 01, 2009 5:33 PM
To: [REDACTED]
Cc: [REDACTED]
Subject: TSB 09-23-5 on PWB issue

TSB 09-23-5 was published November 10, 2009.

Here's the full description....

"TSB 09-23-5 2009-2010 Escape/Mariner And Hybrid/2010 Fusion/Milan And Hybrid - Built Between 6/22/2009 - 10/15/2009 - MIL On With DTC P2135"

Let me know if you'd like to know how to look these up. You can do so on the PTS website and there are a couple of different routes to get there. But I can show you.

Sincerely,

[REDACTED]
*PD Supervisor - Component C Current Quality
& Rawsonville Resident Engrg - Engine
(Components = Air Metering, Fuel Metering, Ignition, ESMs)
Ford Motor Company - Bldg #1*

From: [REDACTED]
Sent: Thursday, October 04, 2012 11:02 AM
To: [REDACTED]
Subject: TSB
Attachments: Document.pdf

[REDACTED]

Ford Motor Company
Automotive Safety Office
External Safety Investigations
Fairlane Plaza South, Suite 500
[REDACTED]

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

From: [REDACTED]
Sent: Thursday, October 04, 2012 11:01 AM
To: [REDACTED]
Subject:

Please open the attached document. This document was digitally sent to you using an HP Digital Sending device.


092305A	Operations) 2010 Fusion, Milan 3.0L Engine: Replace The ETB, Includes Time To Check And Clear Codes (Do Not Use With Any Other Operations)	0.8 Hr.
---------	--	------------

DEALER CODING

BASIC PART NO.	CONDITION CODE
9e926	42

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. Warranty Policy and Extended Service Plan documentation determine Warranty and/or Extended Service Plan coverage unless stated otherwise in the TSB article. The information in this Technical Service Bulletin (TSB) was current at the time of printing. Ford Motor Company reserves the right to supercede this information with updates. The most recent information is available through Ford Motor Company's on-line technical resources.

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 Printable View (50 KB)	
TSB 09-23-5	<ul style="list-style-type: none"> • MALFUNCTION INDICATOR LAMP (MIL) ON WITH DIAGNOSTIC TROUBLE CODE (DTC) P2135 - BUILT BETWEEN 6/22/2009 - 10/15/2009
Publication Date: November 10, 2009	

FORD: 2010 Fusion
2009-2010 Escape

MERCURY: 2010 Milan
2009-2010 Mariner

ISSUE:

Some 2009-2010 Escape, Mariner, Escape Hybrid, Mariner Hybrid, 2010 Fusion, Milan, Fusion Hybrid, and Milan Hybrid vehicles, built on or between 6/22/2009 - 10/15/2009, may exhibit a malfunction indicator lamp (MIL) or wrench light with diagnostic trouble code (DTC) P2135. DTCs P2111 and/or P0122 may also be present. Drivability symptoms may include intermittent rough idle, idle speed below specification and/or reduced power. This concern may be attributed to Electronic Throttle Body (ETB) hardware. If the vehicle only exhibits DTCs P2111 or P0122 follow normal Powertrain Controls/Emissions Diagnosis (PC/ED) pinpoint test (PPT) diagnostics.

ACTION:

Follow the Service Procedure steps to correct the condition.

SERVICE PROCEDURE

1. Check for DTCs and confirm vehicle build date. Is DTC P2135 present and vehicle built on or between 6/22/2009-10/15/2009?
 - a. Yes - proceed to Step 2
 - b. No - Procedure does not apply. Refer to PC/ED PPT DV for appropriate diagnostic routines.
2. Replace the ETB per the Workshop Manual (WSM), Section 303-04.

PART NUMBER	PART NAME
9L8Z-9E926-A	Electronic Throttle Body

WARRANTY STATUS:

Eligible Under Provisions Of New Vehicle Limited Warranty Coverage And Emissions Warranty Coverage

IMPORTANT: Warranty coverage limits/policies are not altered by a TSB. Warranty coverage limits are determined by the identified causal part.

OPERATION	DESCRIPTION	TIME
092305A	2009-2010 Escape, Escape Hybrid, Mariner, Mariner Hybrid: Replace The ETB, Includes Time To Check And Clear Codes (Do Not Use With Any Other Operations)	0.6 Hr.
092305A	2010 Fusion, Fusion Hybrid, Milan, Milan Hybrid 2.5L Engine: Replace The ETB, Includes Time To Check And Clear Codes (Do Not Use With Any Other	0.6 Hr.

**MALFUNCTION INDICATOR LAMP (MIL) ON WITH
DIAGNOSTIC TROUBLE CODE (DTC) P2135—BUILT
BETWEEN 6/22/2009—10/15/2009**

TSB 09-23-5

FORD:
2010 Fusion
2009-2010 Escape

MERCURY:
2010 Milan
2009-2010 Mariner

ISSUE

Some 2009-2010 Escape, Mariner, Escape Hybrid, Mariner Hybrid, 2010 Fusion, Milan, Fusion Hybrid, and Milan Hybrid vehicles, built on or between 6/22/2009 - 10/15/2009, may exhibit a malfunction indicator lamp (MIL) or wrench light with diagnostic trouble code (DTC) P2135. DTCs P2111 and/or P0122 may also be present. Drivability symptoms may include intermittent rough idle, idle speed below specification and/or reduced power. This concern may be attributed to Electronic Throttle Body (ETB) hardware. If the vehicle only exhibits DTCs P2111 or P0122 follow normal Powertrain Controls/Emissions Diagnosis (PC/ED) pinpoint test (PPT) diagnostics.

ACTION

Follow the Service Procedure steps to correct the condition.

SERVICE PROCEDURE

1. Check for DTCs and confirm vehicle build date. Is DTC P2135 present and vehicle built on or between 6/22/2009-10/15/2009?
 - a. Yes - proceed to Step 2.
 - b. No - Procedure does not apply. Refer to PC/ED PPT DV for appropriate diagnostic routines.
2. Replace the ETB per the Workshop Manual (WSM), Section 303-04.

PART NUMBER	PART NAME
9L8Z-9E926-A	Electronic Throttle Body

WARRANTY STATUS: Eligible Under Provisions Of New Vehicle Limited Warranty Coverage And Emissions Warranty Coverage
IMPORTANT: Warranty coverage limits/policies are not altered by a TSB. Warranty coverage limits are determined by the identified causal part.

OPERATION	DESCRIPTION	TIME
092305A	2009-2010 Escape, Escape Hybrid, Mariner, Mariner Hybrid: Replace The ETB, Includes Time To Check And Clear Codes (Do Not Use With Any Other Operations)	0.6 Hr.
092305A	2010 Fusion, Fusion Hybrid, Milan, Milan Hybrid 2.5L Engine: Replace The ETB, Includes Time To Check And Clear Codes (Do Not Use With Any Other Operations)	0.6 Hr.
092305A	2010 Fusion, Milan 3.0L Engine: Replace The ETB, Includes Time To Check And Clear Codes (Do Not Use With Any Other Operations)	0.8 Hr.

DEALER CODING

BASIC PART NO.
9E926

CONDITION
CODE
42

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. Warranty Policy and Extended Service Plan documentation determine Warranty and/or Extended Service Plan coverage unless stated otherwise in the TSB article. The information in this Technical Service Bulletin (TSB) was current at the time of printing. Ford Motor Company reserves the right to supersede this information with updates. The most recent information is available through Ford Motor Company's on-line technical resources.

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12/14/2012

Appendix K - Part Change
History

DP12-006: Request #10
2009-10 Escape Throttle Body-Part Change Log

Part	A	B	C	D	E	F		G	H
	Incorporated Into Vehicle Production	Description of Change	Reasons for Change	Original	Modified	Disposition of Original Parts		New Component Availability Date	New Component Interchangeable With Old (Y/N - Intended versus Possible)
				Ford Engineering Part Number	Ford Engineering Part Number	Withdrawn from Ford Production Inventory (Scrap/ Consume/ Rework)	Effective Date		
Electronic Throttle Body	Not Shipped	Original Release	File Set up		9L8E-9F991-BA	N/A	N/A	N/A	N/A
	Not Shipped	Commonize motor cover and geartrain with historical Ford design	MCR action	9L8E-9F991-BA	9L8E-9F991-BB	N/A	N/A	N/A	N/A
	Aug 12, 2008 *3 Month Estimate for Logistics	Casting revision to replace the - DD- hole with a straight through hole	Fastener change MCR action	9L8E-9F991-BB	9L8E-9F991-BC	N/A	N/A	May 12, 2008	N/A
	Aug 24, 2009 (ChEP) (CEP) (HSAP) (KCAP)	<u>Interim Corrective Action</u> - Thermal Cycle TPS at suppliers - 3 X 45 minute Idle Test at engine/assembly plants	To identify TPS containing non-functioning circuit boards			Sort		Aug 24, 2009	
	(HSAP) 14-Sep 21, 2009 V6-Sep 29, 2009 (KCAP) 14-Oct 1, 2009 V6-Sep 28, 2009	<u>Permanent Corrective Action</u> - Drill bit replacement machine - No resharpened bits - De-smearing process instituted - Revised plating monitoring	Incorporate process improvements into production			Consume		Sep 16, 2009 (ChEP) Sep 18, 2009 (CEP)	
	Jan 5, 2011 *3 Month Estimate for Logistics	Revise idle screw & internal casting revisions to maintain compatibility	MCR action TPS supplier change	9L8E-9F991-BC	9L8E-9F991-BD	Consume	Oct 5, 2010	Oct 5, 2010	Y
	Not Shipped	TPS supplier change	MCR action	9L8E-9F991-BD	9L8E-9F991-BE	Consume	7-Oct-10	N/A	Y
	Jan 7, 2011 *3 Month Estimate for Logistics	Design change from dual die to single die TPS ASIC	MCR action	9L8E-9F991-BE	9L8E-9F991-BF	N/A	N/A	7-Oct-10	Y

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FORD

12/14/2012

Appendix L - Throttle Body
Analysis

From: [REDACTED]
Sent: Thursday, November 08, 2012 8:50 AM
To: [REDACTED]
Subject: Analysis Regarding VIN No. AR[REDACTED] - Via Hole Return

[REDACTED]

Here are the analysis notes regarding this Via Hole Warranty Return.

[REDACTED]

Technician Comments:

1217 EEC SYS SLF TST DCL MONIT PARAMETERS REPL ETB ASSY RETEST SYS CLR CDE PASS P2135 PASS

Customer Comment: C S VEH KEEPS DIEING WHILE DRIVING AND CUTTING OUT ALSO, VEH CHECK ENGINE AND WRENCH LIGHT CAME ON

Ford Observations:

Visual Inspection- no issues.

BLUE AND GREEN DOT ON MOTOR/ TPS COVER.

ONLY CLAIM RELATED TO ETB.

Analysis Notes:

At SEC: The part passed the EOL & Flow test.
The part passed MLX at room temperature
The current was found within spec. (18.52 mA)
The EEPROM readings OK
Outputs monitored OK
The resistance at connector OK
The part was sent to MTC for further analysis

Add'l Analysis Notes:

TPS Failure was detected at high temperature 125C testing. Part was confirmed as Via Defect. High resistance on Vref_A trace

[REDACTED]
Customer Resident Applications Engineer - ETB
Delphi - Customer Technology Center Michigan (CTCM)

[REDACTED]
[REDACTED]
[REDACTED]

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Appendix M - Production
Counts

DP12-006

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Appendix M

Production Counts

Engine Transmission

Production Volumes

DP 12-006 Request #12

Production Counts 2005 - 2012 Escape

Model	Model Year	Engine / Code	Production Volume				Percent of Production			
			5-Speed Manual (3)	4-Speed Auto (4)	6-Speed Auto (6)	CVT Auto (H)	Engine %	5-Speed %	4-Speed %	6-Speed %
Escape	2005	3.0L DOHC V-6 (1)		177,305			76.2%	2.0%	98.0%	N/A
		2.3L I-4 (Z)	4,581	50,704			23.8%			
	2006	3.0L Duratec V-6 (1)		93,543			70.0%	2.7%	97.3%	N/A
		2.3L I-4 (Z)	3,629	36,418			30.0%			
	2007	3.0L Duratec V-6 (1)		59,791			62.1%	2.5%	97.5%	N/A
		2.3L I-4 (Z)	2,412	34,038			37.9%			
	2008	3.0L Duratec V-6 (1)		146,826			66.8%	1.3%	98.7%	N/A
		2.3L I-4 (Z)	2,774	70,200			33.2%			
	2011	2.5L 4V I-4 (7)		711		96,061	48.7%	0.4%	N/A	99.6%
		3.0L 4V V-6 (G)				101,880	51.3%			
	2012	2.5L 4V I-4 (7)		933		120,106	52.0%	0.4%	N/A	99.6%
		3.0L 4V V-6 (G)				111,541	48.0%			

DP 12-006 Request #12

Production Counts 2005 - 2012 Escape

Model	Model Year	Engine / Code	Production Volume				Percent of Production			
			5-Speed Manual (3)	4-Speed Auto (4)	6-Speed Auto (6)	CVT Auto (H)	Engine %	5-Speed %	4-Speed %	6-Speed %
Escape Hybrid	2005	2.3L I-4 (Gas) AC synchronous motor (Elec) (H)				10,717	100.0%	N/A	N/A	100.0%
	2006	2.3L I-4 (Gas) AC synchronous motor (Elec) (H)				18,201	100.0%	N/A	N/A	100.0%
	2007	2.3L I-4 (Gas) AC synchronous motor (Elec) (H)				12,324	100.0%	N/A	N/A	100.0%
	2008	2.3L I-4 (Gas) AC synchronous motor (Elec) (H)				29,170	100.0%	N/A	N/A	100.0%
	2011	2.5L I-4 (Gas) AC synchronous motor (Elec) (3)				8,427	100.0%	N/A	N/A	100.0%
	2012	2.5L I-4 (Gas) AC synchronous motor (Elec) (3)				5,422	100.0%	N/A	N/A	100.0%

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Appendix M

Production Counts

PCM Part Numbers

DP12-006 Powertrain Control Module Part Numbers by Calibration

Model Year	Program Engine	PROGRAM DESCRIPTION	PARTNUMBER
2005	U293 2.3L (Hybrid)	2.3L HEV ESCAPE-SERVICE RELEASE 2005 HEV U293 R10 CAL AND TCM SOFTWARE CHANGE 2005 HEV U293 R11 CAL AND TCM SOFTWARE CHANGE 2005 U293 R12 CALIBRATION RELEASE 2005 U293 R13 CALIBRATION RELEASE 2005 U293 R14 CALIBRATION RELEASE U293 R08 CALIBRATION RELEASE	5U7A-12A650-UA 5U7A-12A650-UB 5U7A-12A650-UC 5U7A-12A650-UD 5M6A-12A650-BF 5M6A-12A650-BG 5M6A-12A650-KA 5M6A-12A650-KB 5M6A-12A650-KC 5M6A-12A650-BE
2005.5	U204 3.0L 4V	3.0L-ATX-LEV2-TIER2-BIN5-US	5L8A-12A650-AYA
2006	U293 2.3L (Hybrid)	2006 U293 CALIBRATION RELEASE 2006 U293 R05 CALIBRATION RELEASE 2006 U293 R06 CALIBRATION RELEASE 2006, U293, C/D SIZE SUV HYBRID ELECTRIC, 2.3L	6M6A-12A650-AD 6M6A-12A650-AE 6M6A-12A650-AB 6M6A-12A650-AC RM6M6A-12A650-AE
2006.5	U204 3.0L 4V	3.0L-ATX-LEV2-TIER2-BIB5-USA BEIJING MAVERICK, 87 RON STAGE III EURO CALIBRATION LEV2-TIER2-BIN5-USA LEV2-TIER2-BIN5-USA	6L8A-12A650-CB 6L8A-12A650-AAB 6L8A-12A650-XA 6L8A-12A650-XB 6U7A-12A650-BTA RM6U7A-12A650-BTA
	U293 2.3L (Hybrid)	2006.5, U293, C/D SIZE SUV HYBRID ELECTRIC, 2.3L U293 HEV 2006.5 CAL RELEASE	RM6M6A-12A650-BD 6M6A-12A650-BA 6M6A-12A650-BB 6M6A-12A650-BC 6M6A-12A650-BD 6U7A-12A650-JDA 6U7A-12A650-JDB 6U7A-12A650-JDC
2007	U204 3.0L 4V	50S-EONV/LEV2/TIER2-BIN5 FEDERAL-BROWN STATES GREEN-STATES-EONV/LEV2/TIER2-BIN5	7L8A-12A650-ASA 7L8A-12A650-ASB 7L8A-12A650-ABB 7L8A-12A650-AUA 7L8A-12A650-AUB 7L8A-12A650-AAB
	U293 2.3L (Hybrid)	SMALL SPORT UTILITY VEHICLE HYBRID ELECTRIC POWERTRAIN FOR ALL MARKETS	7M6A-12A650-EA 7M6A-12A650-EB 7M6A-12A650-EC 7M6A-12A650-ED 7M6A-12A650-EE 7U7A-12A650-DAA 7U7A-12A650-DAB
2008	U377 2.3L (Hybrid)	2.3L HEV 2.3L HEV	8M6A-12A650-BA 8M6A-12A650-BB 8M6A-12A650-BC 8M6A-12A650-BD 8M6A-12A650-BE 8M6A-12A650-BF 8M6A-12A650-BG RM8M6A-12A650-BG
	U377 3.0L 4V	3.0L-CD4E-EONV-WITH OTIS 3.0L-CD4E-FEDERAL-WITH OTIS BROWN STATES GREEN STATES-EONV	8L8A-12A650-AKA 8L8A-12A650-AKB 8L8A-12A650-ALA 8L8A-12A650-ALB 8L8A-12A650-APB 8L8A-12A650-BEA 8L8A-12A650-ARB 8L8A-12A650-BDA

DP12-006 Powertrain Control Module Part Numbers by Calibration

Model Year	Program Engine	PROGRAM DESCRIPTION	PARTNUMBER
2009	U377 2.5L 4V	2009 U377 HEV	9M6A-12A650-EA 9M6A-12A650-EB 9M6A-12A650-EC 9M6A-12A650-ED 9M6A-12A650-EE 9M6A-12A650-EF 9M6A-12A650-EG 9M6A-12A650-EH 9U7A-12A650-EXA
		50S EONV/ISO14229	9L8A-12A650-AB 9L8A-12A650-AC 9L8A-12A650-AD 9L8A-12A650-AE 9L8A-12A650-AEA 9L8A-12A650-AEB 9L8A-12A650-AEC 9L8A-12A650-AF 9L8A-12A650-AHA 9L8A-12A650-APA 9L8A-12A650-CB 9L8A-12A650-CC 9L8A-12A650-CD 9L8A-12A650-CE 9L8A-12A650-CF 9L8A-12A650-CG 9U7A-12A650-CDA 9U7A-12A650-CDB 9U7A-12A650-CDC 9U7A-12A650-CDD 9U7A-12A650-CDE 9U7A-12A650-CDF
		FED NON-EONV/ISO14229	9L8A-12A650-AFA 9L8A-12A650-AFB 9L8A-12A650-AFC 9L8A-12A650-AJA 9L8A-12A650-ARA 9L8A-12A650-BB 9L8A-12A650-BC 9L8A-12A650-BD 9L8A-12A650-BE 9L8A-12A650-BF 9L8A-12A650-DB 9L8A-12A650-DC 9L8A-12A650-DD 9L8A-12A650-DE 9L8A-12A650-DF 9L8A-12A650-DG 9U7A-12A650-CEA 9U7A-12A650-CEB 9U7A-12A650-CEC 9U7A-12A650-CED 9U7A-12A650-CEE 9U7A-12A650-CEF

DP12-006 Powertrain Control Module Part Numbers by Calibration

Model Year	Program Engine	PROGRAM DESCRIPTION	PARTNUMBER
	U377 3.0L 4V	50S EONV V6 6-SPD ATX ISO 14229	9L8A-12A650-ABA 9L8A-12A650-ABB 9L8A-12A650-ALA 9L8A-12A650-EC 9L8A-12A650-ED 9L8A-12A650-EE 9L8A-12A650-EF 9L8A-12A650-EG 9L8A-12A650-EH 9L8A-12A650-EJ 9L8A-12A650-EK 9L8A-12A650-EL 9U7A-12A650-CGA 9U7A-12A650-CGB 9U7A-12A650-CGC 9U7A-12A650-CGD 9U7A-12A650-CGE
2010	U377 2.5L 4V	FEDERAL I4 ATX UEGO	AL8A-12A650-AFA AL8A-12A650-EB AL8A-12A650-EC AL8A-12A650-UA AL8A-12A650-UB
		FEDERAL I4 MTX HEGO	AL8A-12A650-LB AL8A-12A650-LC AL8A-12A650-ZA
		FEDERAL I4 MTX HEGO [JOB #2]	AL8A-12A650-AHA
		FEDERAL/CANADA/MX/CHILE/US TERR/KOREA I4 ATX UEGO	AU7A-12A650-CAA AU7A-12A650-CAB AU7A-12A650-CAC AU7A-12A650-CAD AU7A-12A650-CAE
		GREEN I4 ATX UEGO	AL8A-12A650-AEA AL8A-12A650-TA AL8A-12A650-TB
		GREEN STATES [50S CERTIFIED] I4 ATX UEGO	AL8A-12A650-DB AL8A-12A650-DC AU7A-12A650-BZA AU7A-12A650-BZB AU7A-12A650-BZC AU7A-12A650-BZD AU7A-12A650-BZE
		GREEN STATES [50S CERTIFIED] I4 MTX HEGO	AL8A-12A650-MB AL8A-12A650-MC AL8A-12A650-XA
		GREEN STATES [50S CERTIFIED] I4 MTX HEGO [JOB #2]	AL8A-12A650-AJA
		MY10 U377 HEV CONTI (CBPB) PCM	AM6A-12A650-DB AM6A-12A650-DC AM6A-12A650-DD AM6A-12A650-DE AM6A-12A650-DF AM6A-12A650-DG AM6A-12A650-FA AU7A-12A650-EBA

DP12-006 Powertrain Control Module Part Numbers by Calibration

Model Year	Program Engine	PROGRAM DESCRIPTION	PARTNUMBER
	U377 3.0L 4V	GREEN STATES [50S CERTIFIED] V6 ATX UEGO	AL8A-12A650-GC AL8A-12A650-GD AL8A-12A650-PA AL8A-12A650-PB AL8A-12A650-PC AL8A-12A650-PD AU7A-12A650-BVD AU7A-12A650-BVE AU7A-12A650-CCD AU7A-12A650-CCE
		GREEN STATES [50S CERTIFIED] V6 ATX UEGO	AU7A-12A650-BVA AU7A-12A650-BVB AU7A-12A650-BVC AU7A-12A650-CCA AU7A-12A650-CCB AU7A-12A650-CCC
		GREEN STATES [50S CERTIFIED] V6 ATX UEGO [JOB #2]	AL8A-12A650-ABA AL8A-12A650-ABB AL8A-12A650-ABC
2011	U377 2.5L 4V	MY11 U377 HEV CONTI (CBP-B) PCM	BM6A-12A650-AA BM6A-12A650-AB BM6A-12A650-BA BM6A-12A650-BB
2011-J1	U377 2.5L 4V	FEDERAL/CANADA/MX/CHILE/US TERR I4 MTX HEGO	AL8A-12A650-APA AL8A-12A650-APB AL8A-12A650-BMA AL8A-12A650-BMB
		FEDERAL/CANADA/MX/CHILE/US TERR/KOREA I4 ATX UEGO	AL8A-12A650-AMA AL8A-12A650-AMB AL8A-12A650-AMC AL8A-12A650-AMD AL8A-12A650-AME AL8A-12A650-BKA AL8A-12A650-BKB AU7A-12A650-KMA AU7A-12A650-KMB
		GREEN STATES [50S CERTIFIED] I4 ATX UEGO	AL8A-12A650-ALA AL8A-12A650-ALB AL8A-12A650-ALC AL8A-12A650-ALD AL8A-12A650-ALE AL8A-12A650-BJA AL8A-12A650-BJB AU7A-12A650-KLA AU7A-12A650-KLB
		GREEN STATES [50S CERTIFIED] I4 MTX HEGO	AL8A-12A650-ARA AL8A-12A650-ARB AL8A-12A650-BNA AL8A-12A650-BNB
		U377 3.0L 4V	GREEN STATES [50S CERTIFIED] V6 ATX UEGO
		GREEN STATES [50S CERTIFIED] V6 ATX UEGO	AL8A-12A650-ATA AL8A-12A650-ATB AL8A-12A650-ATC AL8A-12A650-BRA AL8A-12A650-BRB

DP12-006 Powertrain Control Module Part Numbers by Calibration

Model Year	Program Engine	PROGRAM DESCRIPTION	PARTNUMBER	
2011-J2	U377 2.5L 4V	FEDERAL/CANADA/MX/CHILE/US TERR I4 MTX HEGO	AL8A-12A650-AZA AL8A-12A650-AZB AL8A-12A650-BMC	
		FEDERAL/CANADA/MX/CHILE/US TERR/KOREA I4 ATX UEGO	AL8A-12A650-BDA AL8A-12A650-BDB AL8A-12A650-BKC AL8A-12A650-BKD AL8A-12A650-BKE AL8A-12A650-BKF AL8A-12A650-BKG	
		GREEN STATES [50S CERTIFIED] I4 ATX UEGO	AL8A-12A650-BCA AL8A-12A650-BJC AL8A-12A650-BJD AL8A-12A650-BJE AL8A-12A650-BJF AL8A-12A650-BJG	
		GREEN STATES [50S CERTIFIED] I4 MTX HEGO	AL8A-12A650-AYA AL8A-12A650-AYB AL8A-12A650-BNC	
	U377 3.0L 4V	GREEN STATES [50S CERTIFIED] V6 ATX UEGO	AL8A-12A650-BRF AL8A-12A650-BRG	
		GREEN STATES [50S CERTIFIED] V6 ATX UEGO	AL8A-12A650-BFA AL8A-12A650-BRC AL8A-12A650-BRD AL8A-12A650-BRE	
	2012	U377 2.5L 4V	FEDERAL/CANADA/MX/CHILE/US TERR I4 MTX HEGO	AL8A-12A650-BYA
			FEDERAL/CANADA/MX/CHILE/US TERR/KOREA I4 ATX UEGO	AL8A-12A650-BKD AL8A-12A650-BKE AL8A-12A650-BKF AL8A-12A650-BKG AL8A-12A650-BVA AL8A-12A650-BVB
			GREEN STATES [50S CERTIFIED] I4 ATX UEGO	AL8A-12A650-BJD AL8A-12A650-BJE AL8A-12A650-BJF AL8A-12A650-BJG AL8A-12A650-BUA AL8A-12A650-BUB
			GREEN STATES [50S CERTIFIED] I4 MTX HEGO	AL8A-12A650-BZA
MY12 U377 HEV CONTI (CBP-B) PCM			BM6A-12A650-CA BM6A-12A650-CB	
GREEN STATES [50S CERTIFIED] V6 ATX UEGO			AL8A-12A650-BRF AL8A-12A650-BRG AL8A-12A650-CCA AL8A-12A650-CCB	
U377 3.0L 4V		GREEN STATES [50S CERTIFIED] V6 ATX UEGO	AL8A-12A650-BRE	

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Appendix M

Production Counts

Throttle Body Part Numbers

Throttle Body Part Numbers by Model Model Year

Engine	Vehicle	MTB/ETB	2005	2006	2007	2008	2009	2010	2011	2012
2.3L	Fusion	ETB 9F991	NA	6E5G-AB	6E5G-AB	6E5G-AB	6E5G-AC	NA	NA	NA
3.0L	Fusion	ETB 9F991	NA	6E5E-AD	6E5E-AD	6E5E-AD	6E5E-AD	NA	NA	NA
3.5L	Fusion	ETB 9F991	NA	NA	NA	NA	7T4E-EC, FA	7T4E-FB, GA	7T4E-GA	7T4E-GA
2.3L	Escape	MTB 9E926	5L8G-AD, AE	5L8G-AE	5L8G-AE	5L8G-AE	NA	NA	NA	NA
2.3L HEV	Escape	ETB 9F991	5M6G-CA	5M6G-CB, CC	5M6G-CB, CC	5M6G-CD, DA	NA	NA	NA	NA
3.0L	Escape	MTB 9E926	5L8E-AF	5L8E-AF	5L8E-AF	5L8E-AF	NA	NA	NA	NA
2.5L 2.5L HEV 3.0L	Fusion	ETB 9F991	NA	NA	NA	NA	NA	9L8E-BC	9L8E-BC, BD, BF	DS7E-AC
2.5L 2.5L HEV 3.0L	Escape	ETB 9F991	NA	NA	NA	NA	9L8E-BB, BC	9L8E-BC	9L8E-BC, BD, BF	DS7E-AC

Notes

Denso, 6E5G-AB released 4/14/2004, 6E5G-AC released 4/11/2008

Siemens, 6E5E-AD released 6/30/2004

7T4E-EC released 4/25/2007, 7T4E-FA released 2/28/2008, 7T4E-GA released 5/24/2009

5L8G-AD released 9/29/2003, 5L8G-AE released 8/3/2004, 5L8G-AF released 7/23/2010

5M6G-CA released 1/9/2004, 5M6G-CB released 9/23/2004, 5M6G-CC released 12/15/2005, 5M6G-CD released 6/8/2007, 5M6G-DA released 7/30/2007

5L8E-AF released 6/24/2004 no changes after this

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Appendix N - FMEM Modes

DP12-006 Electronic Throttle Body Related FMEM Modes

Electronic Throttle Body Diagnostic Trouble Codes - Gas Engine Vehicles

DTC	Definition	Failure Mode Effects Management Mode (FMEM)	Warning Indicator	Vehicle Level Effect	Max Throttle	Condition to Return to Normal Operating Mode	Relationship to Subject Bulletin (TSB 09-23-5)
P0122	Throttle/Pedal Position Sensor "A" Circuit Low	RPM Guard with Pedal Follower	Wrench Light, MIL after second consecutive occurrence	In this mode, torque control is disabled due to the loss of a critical sensor or PCM fault. The throttle is controlled in pedal-follower mode as a function of the accelerator pedal position sensor input only and limited to a maximum of 45 degrees. A maximum allowed RPM is determined based on accelerator pedal position (RPM Guard). If the actual RPM exceeds this limit, spark and fuel (injector cut) are used to bring the RPM below the limit. The wrench light and the MIL illuminate in this mode. Exhaust Gas Recirculation, Variable Cam Timing, and Intake Manifold Runner Control outputs are set to default values.	45 degrees	The PCM must be cycled OFF to ON via the key and the fault condition no longer present.	included in TSB 09-23-5
P0123	Throttle/Pedal Position Sensor "A" Circuit High	RPM Guard with Pedal Follower	Wrench Light, MIL after second consecutive occurrence	In this mode, torque control is disabled due to the loss of a critical sensor or PCM fault. The throttle is controlled in pedal-follower mode as a function of the accelerator pedal position sensor input only and limited to a maximum of 45 degrees. A maximum allowed RPM is determined based on accelerator pedal position (RPM Guard). If the actual RPM exceeds this limit, spark and fuel (injector cut) are used to bring the RPM below the limit. The wrench light and the MIL illuminate in this mode. Exhaust Gas Recirculation, Variable Cam Timing, and Intake Manifold Runner Control outputs are set to default values.	45 degrees	The PCM must be cycled OFF to ON via the key and the fault condition no longer present.	none
P0222	Throttle/Pedal Position Sensor/Switch "B" Circuit Low	RPM Guard with Pedal Follower	Wrench Light, MIL after second consecutive occurrence	In this mode, torque control is disabled due to the loss of a critical sensor or PCM fault. The throttle is controlled in pedal-follower mode as a function of the accelerator pedal position sensor input only and limited to a maximum of 45 degrees. A maximum allowed RPM is determined based on accelerator pedal position (RPM Guard). If the actual RPM exceeds this limit, spark and fuel (injector cut) are used to bring the RPM below the limit. The wrench light and the MIL illuminate in this mode. Exhaust Gas Recirculation, Variable Cam Timing, and Intake Manifold Runner Control outputs are set to default values.	45 degrees	The PCM must be cycled OFF to ON via the key and the fault condition no longer present.	none
P0223	Throttle/Pedal Position Sensor/Switch "B" Circuit High	RPM Guard with Pedal Follower	Wrench Light, MIL after second consecutive occurrence	In this mode, torque control is disabled due to the loss of a critical sensor or PCM fault. The throttle is controlled in pedal-follower mode as a function of the accelerator pedal position sensor input only and limited to a maximum of 45 degrees. A maximum allowed RPM is determined based on accelerator pedal position (RPM Guard). If the actual RPM exceeds this limit, spark and fuel (injector cut) are used to bring the RPM below the limit. The wrench light and the MIL illuminate in this mode. Exhaust Gas Recirculation, Variable Cam Timing, and Intake Manifold Runner Control outputs are set to default values.	45 degrees	The PCM must be cycled OFF to ON via the key and the fault condition no longer present.	none
P2135	Throttle/Pedal Position Sensor/Switch "A"/"B" Voltage Correlation	RPM Guard with Pedal Follower	Wrench Light, MIL after second consecutive occurrence	In this mode, torque control is disabled due to the loss of a critical sensor or PCM fault. The throttle is controlled in pedal-follower mode as a function of the accelerator pedal position sensor input only and limited to a maximum of 45 degrees. A maximum allowed RPM is determined based on accelerator pedal position (RPM Guard). If the actual RPM exceeds this limit, spark and fuel (injector cut) are used to bring the RPM below the limit. The wrench light and the MIL illuminate in this mode. Exhaust Gas Recirculation, Variable Cam Timing, and Intake Manifold Runner Control outputs are set to default values.	45 degrees	The PCM must be cycled OFF to ON via the key and the fault condition no longer present.	included in TSB 09-23-5
P2107	Throttle Actuator "A" Control Module Processor	RPM Guard with Default Throttle	Wrench Light, MIL after second consecutive occurrence	In this mode, the throttle plate control is disabled due to the loss of Throttle Position, the Throttle Plate Position Controller (TPPC), or other major ETC system fault. Depending on the fault detected, the throttle plate is controlled or springs to the default (limp home) position. A maximum allowed RPM is determined based on accelerator pedal position (RPM Guard.) If the actual RPM exceeds this limit, spark and fuel are used to bring the RPM below the limit. The wrench light and the MIL are turned on in this mode and an ETC component causal code is set. Exhaust Gas Recirculation, Variable Cam Timing, and Intake Manifold Runner Control outputs are set to default values.	8 degrees	The PCM must be cycled OFF to ON via the key and the fault condition no longer present.	none

DP12-006 Electronic Throttle Body Related FMEM Modes

Electronic Throttle Body Diagnostic Trouble Codes - Gas Engine Vehicles

DTC	Definition	Failure Mode Effects Management Mode (FMEM)	Warning Indicator	Vehicle Level Effect	Max Throttle	Condition to Return to Normal Operating Mode	Relationship to Subject Bulletin (TSB 09-23-5)
P2111	Throttle Actuator "A" Control System - Stuck Open	Limited RPM Guard with Default Throttle	Wrench Light, MIL after second consecutive occurrence	In this mode, the throttle is not tracking the requested command and may be stuck. A default command is sent to the TPPC or the H-bridge is disabled and the throttle springs to the default (limp home) position. RPM is controlled to a fixed value. If the actual RPM exceeds this limit, spark and fuel are used to bring the RPM below the limit. The wrench light and the MIL are turned on in this mode and an ETC component causal code is set. Exhaust Gas Recirculation, Variable Cam Timing, and Intake Manifold Runner Control outputs are set to default values.	8 degrees	The PCM must be cycled OFF to ON via the key and the fault condition no longer present.	included in TSB 09-23-5
P2112	Throttle Actuator "A" Control System - Stuck Closed	Limited RPM Guard with Default Throttle	Wrench Light, MIL after second consecutive occurrence	In this mode, the throttle is not tracking the requested command and may be stuck. A default command is sent to the TPPC or the H-bridge is disabled and the throttle springs to the default (limp home) position. RPM is controlled to a fixed value. If the actual RPM exceeds this limit, spark and fuel are used to bring the RPM below the limit. The wrench light and the MIL are turned on in this mode and an ETC component causal code is set. Exhaust Gas Recirculation, Variable Cam Timing, and Intake Manifold Runner Control outputs are set to default values.	8 degrees	The PCM must be cycled OFF to ON via the key and the fault condition no longer present.	none
P2101	Throttle Actuator "A" Control Motor Circuit Range/Performance	RPM Guard with Default Throttle	Wrench Light, MIL after second consecutive occurrence	In this mode, the throttle plate control is disabled due to the loss of Throttle Position, the Throttle Plate Position Controller (TPPC), or other major ETC system fault. Depending on the fault detected, the throttle plate is controlled or springs to the default (limp home) position. A maximum allowed RPM is determined based on accelerator pedal position (RPM Guard.) If the actual RPM exceeds this limit, spark and fuel are used to bring the RPM below the limit. The wrench light and the M L are turned on in this mode and an ETC component causal code is set. Exhaust Gas Recirculation, Variable Cam Timing, and Intake Manifold Runner Control outputs are set to default values.	8 degrees	The PCM must be cycled OFF to ON via the key and the fault condition no longer present.	none
P115E	Throttle Actuator Control Throttle Body Air Flow Trim at Max Limit	Normal	none	No failure mode effects management actions taken.	Not limited	Not applicable	none
Throttle Position Sensor A and Sensor B DTCs set during the same drive cycle, e.g., P0122 + P0223	See description for each DTC.	RPM Guard with Default Throttle	Wrench Light, MIL after second consecutive occurrence	In this mode, the throttle plate control is disabled due to the loss of Throttle Position, the Throttle Plate Position Controller (TPPC), or other major ETC system fault. Depending on the fault detected, the throttle plate is controlled or springs to the default (limp home) position. A maximum allowed RPM is determined based on accelerator pedal position (RPM Guard.) If the actual RPM exceeds this limit, spark and fuel are used to bring the RPM below the limit. The wrench light and the M L are turned on in this mode and an ETC component causal code is set. Exhaust Gas Recirculation, Variable Cam Timing, and Intake Manifold Runner Control outputs are set to default values.	8 degrees	The PCM must be cycled OFF to ON via the key and the fault condition no longer present.	One or more of the DTCs may be listed in TSB 09-23-5. Refer to individual DTC.

DP12-006 Electronic Throttle Body Related FMEM Modes

Electronic Throttle Body Diagnostic Trouble Codes - Hybrid Electric Vehicles

DTC	Definition	Failure Mode Effects Management Mode (FMEM)	Warning Indicator	Gas Engine Effect	HEV Vehicle Effect	Max Throttle	Condition to Return to Normal Operating Mode	Relationship to Subject Bulletin (TSB 09-23-5)
P0122	Throttle/Pedal Position Sensor "A" Circuit Low	RPM Guard with Pedal Follower	Wrench Light, MIL after second consecutive occurrence	In this mode, torque control is disabled due to the loss of a critical sensor or PCM fault. The throttle is controlled in pedal-follower mode as a function of the accelerator pedal position sensor input only and limited to a maximum of 45 degrees. A maximum allowed RPM is determined based on accelerator pedal position (RPM Guard). If the actual RPM exceeds this limit, spark and fuel (injector cut) are used to bring the RPM below the limit. The wrench light and the MIL illuminate in this mode. Exhaust Gas Recirculation, Variable Cam Timing, and Intake Manifold Runner Control outputs are set to default values.	Engine continues to charge High Voltage Battery. Electric Drive continues to propel vehicle based on driver demand from accelerator pedal up to the charge capability of the battery.	45 degrees	The PCM must be cycled OFF to ON via the key and the fault condition no longer present.	Included in TSB 09-23-5
P0123	Throttle/Pedal Position Sensor "A" Circuit High	RPM Guard with Pedal Follower	Wrench Light, MIL after second consecutive occurrence	In this mode, torque control is disabled due to the loss of a critical sensor or PCM fault. The throttle is controlled in pedal-follower mode as a function of the accelerator pedal position sensor input only and limited to a maximum of 45 degrees. A maximum allowed RPM is determined based on accelerator pedal position (RPM Guard). If the actual RPM exceeds this limit, spark and fuel (injector cut) are used to bring the RPM below the limit. The wrench light and the MIL illuminate in this mode. Exhaust Gas Recirculation, Variable Cam Timing, and Intake Manifold Runner Control outputs are set to default values.	Engine continues to charge High Voltage Battery. Electric Drive continues to propel vehicle based on driver demand from accelerator pedal up to the charge capability of the battery.	45 degrees	The PCM must be cycled OFF to ON via the key and the fault condition no longer present.	none
P0222	Throttle/Pedal Position Sensor/Switch "B" Circuit Low	RPM Guard with Pedal Follower	Wrench Light, MIL after second consecutive occurrence	In this mode, torque control is disabled due to the loss of a critical sensor or PCM fault. The throttle is controlled in pedal-follower mode as a function of the accelerator pedal position sensor input only and limited to a maximum of 45 degrees. A maximum allowed RPM is determined based on accelerator pedal position (RPM Guard). If the actual RPM exceeds this limit, spark and fuel (injector cut) are used to bring the RPM below the limit. The wrench light and the MIL illuminate in this mode. Exhaust Gas Recirculation, Variable Cam Timing, and Intake Manifold Runner Control outputs are set to default values.	Engine continues to charge High Voltage Battery. Electric Drive continues to propel vehicle based on driver demand from accelerator pedal up to the charge capability of the battery.	45 degrees	The PCM must be cycled OFF to ON via the key and the fault condition no longer present.	none
P0223	Throttle/Pedal Position Sensor/Switch "B" Circuit High	RPM Guard with Pedal Follower	Wrench Light, MIL after second consecutive occurrence	In this mode, torque control is disabled due to the loss of a critical sensor or PCM fault. The throttle is controlled in pedal-follower mode as a function of the accelerator pedal position sensor input only and limited to a maximum of 45 degrees. A maximum allowed RPM is determined based on accelerator pedal position (RPM Guard). If the actual RPM exceeds this limit, spark and fuel (injector cut) are used to bring the RPM below the limit. The wrench light and the MIL illuminate in this mode. Exhaust Gas Recirculation, Variable Cam Timing, and Intake Manifold Runner Control outputs are set to default values.	Engine continues to charge High Voltage Battery. Electric Drive continues to propel vehicle based on driver demand from accelerator pedal up to the charge capability of the battery.	45 degrees	The PCM must be cycled OFF to ON via the key and the fault condition no longer present.	none
P2135	Throttle/Pedal Position Sensor/Switch "A"/"B" Voltage Correlation	RPM Guard with Pedal Follower	Wrench Light, MIL after second consecutive occurrence	In this mode, torque control is disabled due to the loss of a critical sensor or PCM fault. The throttle is controlled in pedal-follower mode as a function of the accelerator pedal position sensor input only and limited to a maximum of 45 degrees. A maximum allowed RPM is determined based on accelerator pedal position (RPM Guard). If the actual RPM exceeds this limit, spark and fuel (injector cut) are used to bring the RPM below the limit. The wrench light and the MIL illuminate in this mode. Exhaust Gas Recirculation, Variable Cam Timing, and Intake Manifold Runner Control outputs are set to default values.	Engine continues to charge High Voltage Battery. Electric Drive continues to propel vehicle based on driver demand from accelerator pedal up to the charge capability of the battery.	45 degrees	The PCM must be cycled OFF to ON via the key and the fault condition no longer present.	Included in TSB 09-23-5
P2107	Throttle Actuator "A" Control Module Processor	RPM Guard with Default Throttle	Wrench Light, MIL after second consecutive occurrence	In this mode, the throttle plate control is disabled due to the loss of Throttle Position, the Throttle Plate Position Controller (TPPC), or other major ETC system fault. Depending on the fault detected, the throttle plate is controlled or springs to the default (limp home) position. A maximum allowed RPM is determined based on accelerator pedal position (RPM Guard.) If the actual RPM exceeds this limit, spark and fuel are used to bring the RPM below the limit. The wrench light and the MIL are turned on in this mode and an ETC component causal code is set. Exhaust Gas Recirculation, Variable Cam Timing, and Intake Manifold Runner Control outputs are set to default values.	Engine continues to charge High Voltage Battery. Electric Drive continues to propel vehicle based on driver demand from accelerator pedal up to the charge capability of the battery.	8 degrees	The PCM must be cycled OFF to ON via the key and the fault condition no longer present.	none
P2111	Throttle Actuator "A" Control System - Stuck Open	Limited RPM Guard with Default Throttle	Wrench Light, MIL after second consecutive occurrence	In this mode, the throttle is not tracking the requested command and may be stuck. A default command is sent to the TPPC or the H-bridge is disabled and the throttle springs to the default (limp home) position. RPM is controlled to a fixed value. If the actual RPM exceeds this limit, spark and fuel are used to bring the RPM below the limit. The wrench light and the MIL are turned on in this mode and an ETC component causal code is set. Exhaust Gas Recirculation, Variable Cam Timing, and Intake Manifold Runner Control outputs are set to default values.	Engine continues to charge High Voltage Battery. Electric Drive continues to propel vehicle based on driver demand from accelerator pedal up to the charge capability of the battery.	8 degrees	The PCM must be cycled OFF to ON via the key and the fault condition no longer present.	Included in TSB 09-23-5

DP12-006 Electronic Throttle Body Related FMEM Modes

Electronic Throttle Body Diagnostic Trouble Codes - Hybrid Electric Vehicles

DTC	Definition	Failure Mode Effects Management Mode (FMEM)	Warning Indicator	Gas Engine Effect	HEV Vehicle Effect	Max Throttle	Condition to Return to Normal Operating Mode	Relationship to Subject Bulletin (TSB 09-23-5)
P2112	Throttle Actuator "A" Control System - Stuck Closed	Limited RPM Guard with Default Throttle	Wrench Light, MIL after second consecutive occurrence	In this mode, the throttle is not tracking the requested command and may be stuck. A default command is sent to the TPPC or the H-bridge is disabled and the throttle springs to the default (limp home) position. RPM is controlled to a fixed value. If the actual RPM exceeds this limit, spark and fuel are used to bring the RPM below the limit. The wrench light and the MIL are turned on in this mode and an ETC component causal code is set. Exhaust Gas Recirculation, Variable Cam Timing, and Intake Manifold Runner Control outputs are set to default values.	Engine continues to charge High Voltage Battery. Electric Drive continues to propel vehicle based on driver demand from accelerator pedal up to the charge capability of the battery.	8 degrees	The PCM must be cycled OFF to ON via the key and the fault condition no longer present.	none
P2101	Throttle Actuator "A" Control Motor Circuit Range/Performance	RPM Guard with Default Throttle	Wrench Light, MIL after second consecutive occurrence	In this mode, the throttle plate control is disabled due to the loss of Throttle Position, the Throttle Plate Position Controller (TPPC), or other major ETC system fault. Depending on the fault detected, the throttle plate is controlled or springs to the default (limp home) position. A maximum allowed RPM is determined based on accelerator pedal position (RPM Guard.) If the actual RPM exceeds this limit, spark and fuel are used to bring the RPM below the limit. The wrench light and the MIL are turned on in this mode and an ETC component causal code is set. Exhaust Gas Recirculation, Variable Cam Timing, and Intake Manifold Runner Control outputs are set to default values.	Engine continues to charge High Voltage Battery. Electric Drive continues to propel vehicle based on driver demand from accelerator pedal up to the charge capability of the battery.	8 degrees	The PCM must be cycled OFF to ON via the key and the fault condition no longer present.	none
P115E	Throttle Actuator Control Throttle Body Air Flow Trim at Max Limit	Normal	none	No failure mode effects management actions taken.	None.	Not limited	Not applicable	none
Position Sensor A and Sensor B DTCs set during the same drive cycle, e.g., P0122 + P0223.	See description for each DTC.	RPM Guard with Default Throttle	Wrench Light, MIL after second consecutive occurrence	In this mode, the throttle plate control is disabled due to the loss of Throttle Position, the Throttle Plate Position Controller (TPPC), or other major ETC system fault. Depending on the fault detected, the throttle plate is controlled or springs to the default (limp home) position. A maximum allowed RPM is determined based on accelerator pedal position (RPM Guard.) If the actual RPM exceeds this limit, spark and fuel are used to bring the RPM below the limit. The wrench light and the MIL are turned on in this mode and an ETC component causal code is set. Exhaust Gas Recirculation, Variable Cam Timing, and Intake Manifold Runner Control outputs are set to default values.	Engine continues to charge High Voltage Battery. Electric Drive continues to propel vehicle based on driver demand from accelerator pedal up to the charge capability of the battery.	8 degrees	The PCM must be cycled OFF to ON via the key and the fault condition no longer present.	One or more of the DTCs may be listed in TSB 09-23-5. Refer to individual DTC.