

FORD:

2001-2005 Escape

ISSUE

Some 2001-2005 Escape vehicles equipped with a 3.0L engine may exhibit idle speeds outside the specified range. Some 2001-2003 Escape vehicles equipped with a 3.0L engine and CD4E automatic transaxle may exhibit a transmission shudder.

ACTION

Follow the Service Procedure steps to correct the condition.

SERVICE PROCEDURE

1. If the concern is a 2001-2005 Escape with idle speeds outside the specified range:
 - a. Install a new idle air control (IAC) valve with jumper harness included in the kit. The new Denso brand IAC will be installed with the electrical connector facing the opposite direction of the original (Hitachi) valve which is why the jumper harness is required. The original (Hitachi) IAC connector faces the front of the vehicle while the new Denso IAC connector faces toward the rear of the vehicle.
 - b. Referring to the calibration charts (Figures 1 and 2), select the applicable file and reprogram the powertrain control module (PCM) using the TSB Service Procedure and WDS/IDS release B40.5 and higher. Calibration files may also be obtained at www.motorcraft.com.

2. If the concern is a 2001 - 2003 Escape with transaxle shudder, drain, flush and refill the transmission fluid with MERCON® Multi-Purpose Automatic Transmission Fluid. Then, referring to the calibration charts (Figures 1 and 2), select the applicable file and reprogram the PCM using the TSB Service Procedure and WDS/IDS release B40.5 and higher. Calibration files may also be obtained at www.motorcraft.com.
3. When reprogramming the PCM use blank path programming. Select the proper file from the chart and manually enter the PCM part number or tear tag number to obtain the updated calibration file.

To Perform Blank Path Programming:

1. Connect WDS/IDS to vehicle.
2. Select "16 pin", select "All others, except those below", press TICK.
3. Screen shows installation of cable, press TICK.
4. Screen shows to turn ignition ON. DO NOT TURN IGNITION ON. Press TICK.
5. Screen shows progress bar, then screen tells you "No communication can be established with the PCM" and asks you if you want to retry? Select "NO". With the ignition key still OFF, press TICK.
6. Screen shows to turn ignition ON. Keep ignition in the "OFF" position, press TICK and you will be asked to cycle the key "ON" and "OFF" a few times. Please keep the key position in the "OFF" position through the key cycles.
7. Screen will show "The diagnostic tester is unable to communicate with this vehicle." You will be prompted to "select a vehicle from the vehicle list", press TICK.

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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8. A list of vehicles will be displayed, select ALL OTHERS, and press TICK.
9. Screen shows "To enable WDS to reprogram the PCM with the correct calibration", enter one of the following: Vehicle Calibration number (7 digits), Tear Tag number (4 digits), or PCM part number, press TICK.
10. Highlight the box next to the selection chosen, and enter ONLY ONE of the selections listed above. Press TICK.
11. Follow and answer correctly all remaining screens. Once PCM is reprogrammed communication should be reestablished and PATS system can be reset (if necessary) per Workshop Manual, Section 419-01.

PART NUMBER	PART NAME
5L8Z-9F715-AA XT-2-QDX	Idle Air Control Valve MERCON® Multi-Purpose Automatic Transmission Fluid

WARRANTY STATUS: Eligible Under Provisions Of
New Vehicle Limited
Warranty Coverage And
Emissions Warranty
Coverage

DEALER CODING

BASIC PART NO.
9F715

CONDITION
CODE
42

PCM Calibrations for Converting Hitachi IAC to Denso IAC & Shudder Fix for Use with Denso IAC

Calibration	Old Part # (-12A650-)	New Part # IAC Only	New Part # IAC+Shudder	Application	Old Tear Tag #	New Tear Tag # IAC Only	New Tear Tag # IAC+Shudder
2001 MY Service Releases							
0M11B30512	1U7A-AZE 1U7A-HEA	1U7A-HKA	1U7A-HRA	CAA-[Mex]-noOBD	ESG4 ESK0	HKT0	FTR0
0M11A30E12	1U7A-BBD 1U7A-HFA	1U7A-HLA	1U7A-HSA	EURO-Stage 3	FGB3 FVF0	DTU0	SJX0
0M11A30J14	1U7A-BCD	1U7A-HMA	N/A	JPATS	QPR3	MMS0	N/A
0M11B30J14	1U7A-BDD	1U7A-HNA	N/A	JNON	TDA3	ZNV0	N/A
0M11A30X11	1U7A-BED 1U7A-HGA	1U7A-HPA	1U7A-HTA	ROW-Stage 3	RIL3 GSU0	PGP0	CZT0
2002 MY Service Releases							
2M11B30510	2U7A-CPC 2U7A-GAA	2U7A-GZA	2U7A-HEA	CAA-[Mex]-noOBD	PVN2 AUH0	ZSZ0	EHB0
2M11A30E10	2U7A-CSB 2U7A-GBA 2U7A-GBB	2U7A-HAA	2U7A-HHA	EURO-Stage3	SGG1 BXV0 BXV1	AYM0	UHT0
2M11A30J11	2U7A-CTB	2U7A-HBA	N/A	JPATS-RHD	THE1	TCB0	N/A
2M11B30J11	2U7A-CUB	2U7A-HCA	N/A	JNON-RHD	UJB1	SNC0	N/A
2M11A30X10	2U7A-CVB 2U7A-GCA	2U7A-HDA	2U7A-HGA	ROW-Stage2-RHD	VFN1 CFF0	GJD0	GPG0
2003 MY Service Releases							
3M11B30511	3U7A-ERA 3U7A-ESA	3U7A-NVA	3U7A-NXA	CAA-[Mex]-noOBD	RFM0 SHB0	XVD0	HCX0
3M11A30E11	3L8A-EC 3U7A-ETA	3U7A-NDA	3U7A-NYA	EU117-Stage3-RHD	EJD2 TKY0	YDE0	SYZ0
3M11B30E11	3L8A-AHC 3U7A-EUA	3U7A-NEA	3U7A-NZA	EU108-Stage 3-RHD	IPC2 UEC0	EKB0	JZX0
3M11A30J11	3L8A-FC	3U7A-NFA	N/A	JPATS-GLEV-RHD	FGM2	GNF0	N/A
3M11B30J11	3L8A-HC	3U7A-NGA	N/A	JNON-ELEV-pats off	HIS2	GZG0	N/A
3M11A30X11	3U7A-MZA 3U7A-EVB 3L8A-JC 3U7A-EVA	3U7A-PHA	3U7A-PAA	ROW-Stage2-RHD	UVU0 VHG1 JLS2 VHG0	EHH0	ATN0
2003.5 MY Service Releases							
3M11E30500	3U7A-ENA 3U7A-EYA	3U7A-NUA	3U7A-PBA	CAA[Mex]-noOBD-LHD	NCX0 YVN0	UHG0	NBZ0
3M11C30E00	3L8A-YA 3U7A-EZA	3U7A-NHA	3U7A-PCA	EU117-Stage3-LHD	YHJ0 ZAT0	ZHE0	SCP0
3M11D30E00	3L8A-ZA 3U7A-FAA	3U7A-NJA	3U7A-PDA	EU108-Stage3-LHD	ZGM0 AHP0	BJJ0	DZR0
3M11B30X00	3L8A-ACA 3U7A-FBA	3U7A-NKA	3U7A-PEA	ROW-Stage2-LHD	CJK0 BNT0	GKS0	CEE0
2004 MY Service Releases - RHD							
3M11A30E12	3L8A-ED	3U7A-NLA	N/A	EU117-Stage 3 RHD	EJD3	JUF0	N/A
3M11B30E12	3U7A-MYA	3U7A-PGA	N/A	EU108-Stage3-RHD	YAV0	GNE0	N/A
3M11A30J12	3L8A-FD	3U7A-NMA	N/A	JPATS-GLEV-RHD	FGM3	PMD0	N/A
3M11B30J12	3L8A-HD	3U7A-NNA	N/A	JNON-ELEV-pats off	HIS3	BHN0	N/A
3M11A30X12	3U7A-MXA	3U7A-PFA	N/A	ROW-Stage2-RHD	XGY0	VFV0	N/A
2004 MY Service Releases - LHD							
3M11E30515	3L8A-AJA	3U7A-NPA	N/A	CAA-[Mex]-noOBD	JNX0	ZVP0	N/A
3M11C30E15	3L8A-AKA	3U7A-NRA	N/A	EU117-Stage3-LHD	KCM0	UMR0	N/A
3M11D30E15	3L8A-ALA	3U7A-NSA	N/A	EU108-Stage3-LHD	HEM0	VSX0	N/A
3M11B30X15	3L8A-AMA	3U7A-NTA	N/A	ROW-Stage2-LHD	MBR0	XTH0	N/A
2005 MY Service Releases							
5M11A30J00	5L8A-AMA	5L8A-AMB	N/A	Japan w/ PATS	XMM0	XMM1	N/A
5M11B30J00	5L8A-ANA	5L8A-ANB	N/A	Japan non-PATS	AJG0	AJG1	N/A
5M11C30X00	5L8A-APA	5L8A-APB	N/A	EURO Stage2	REV0	REV1	N/A
5M11E30E00	5L8A-ARA	5L8A-ARB	N/A	EURO Stage3	UUM0	UUM1	N/A

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Figure 1 - Article 06-11-7

Shudder Fix Calibrations for Use with Hitachi IAC

Calibration	Old Part #	New Part #	Application	Old Tear Tag #	New Tear Tag #
2001 MY Service Releases					
0M11B30512	1U7A-AZE	1U7A-HEA	CAA-[Mex]-noOBD	ESG4	ESK0
0M11A30E12	1U7A-BBD	1U7A-HFA	EURO-Stage 3	FGB3	FVF0
0M11A30X11	1U7A-BED	1U7A-HGA	ROW-Stage 2	RIL3	GSU0
2002 MY Service Releases					
2M11B30510	2U7A-CPC	2U7A-GAA	CAA-[Mex]-noOBD	PVN2	AUH0
2M11A30E10	2U7A-CSB	2U7A-GBB	EURO-Stage 3	SGG1	BXV1
2M11A30X10	2U7A-CVB	2U7A-GCA	ROW-Stage2	VFN1	CFF0
2003 MY Service Releases					
3M11B30511	3U7A-ERA	3U7A-ESA	CAA-Mex-NoOBD	RFM0	SHB0
3M11A30E11	3L8A-EC	3U7A-ETA	EU117-Stage 3 RHD	EJD2	TKY0
3M11B30E11	3L8A-AHC	3U7A-EUA	EU108-Stage3-RHD	IPC2	UEC0
3M11A30X11	3L8A-JC	3U7A-EVA	ROW-Stage2-RHD	JLS2	VHGU
2003.5 MY Service Releases					
3M11E30500	3U7A-ENA	3U7A-EYA	CAA[Mex]-noOBD-LHD	NCX0	YVN0
3M11C30E00	3L8A-YA	3U7A-EZA	EU117-Stage3-LHD	YHJ0	ZAT0
3M11D30E00	3L8A-ZA	3U7A-FAA	EU108-Stage3-LHD	ZGM0	AHP0
3M11B30X00	3L8A-ACA	3U7A-FBA	ROW-Stage2-LHD	CJK0	BNT0

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Figure 2 - Article 06-11-7