

Frank M. Ligon Director Service Engineering Operations Ford Customer Service Division Ford Motor Company P. O. Box 1904 Dearborn, Michigan 48121

May 12, 2006

- TO: All U.S. Ford and Lincoln Mercury Dealers
- SUBJECT: Compliance Recall 06C12 Certain 2005 Escape & Mariner Vehicles Without Side Air Curtains or Moonroof -Headliner Inspection and Modification
- **REF:** Advance Notice dated April 5, 2006.

AFFECTED VEHICLES

Certain 2005 Escape and Mariner vehicles built at Ohio and Kansas City Assembly Plants from Job #1 through March 31, 2005. Affected vehicles are identified in OASIS. FSA VIN lists will be posted to <u>www.dealerconnection.com</u> on May 15, 2006.

REASON FOR THIS COMPLIANCE RECALL

Some of the affected vehicles may not fully comply with FMVSS 201 (Federal Motor Vehicle Safety Standard) head impact test requirements performed at the A-pillar / roof rail locations.

SERVICE ACTION

Dealers are to lower the headliner enough to inspect the energy absorbing material (black structural foam blocks) which are mounted between the headliner and roof at the front corners of the headliner. Depending on the results of the inspection, dealers will either release the vehicle to the customer, or modify the headliner foam blocks using a special tool and a 5/8 inch auger bit. Refer to Attachment III for complete details.

This service must be performed on all affected vehicles at no charge to the vehicle owner. Do not demonstrate or deliver affected vehicles that remain in your new vehicle inventory until this compliance recall has been completed.

OWNER NOTIFICATION MAILING SCHEDULE

Owner Notification Letters will be mailed on May 19, 2006.

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PLEASE NOTE:

Federal law requires dealers to complete any outstanding recall service before a new vehicle is delivered to the buyer or lessee. Violation of this requirement by a dealer could result in a civil penalty of up to \$5,000 per vehicle. Correct all vehicles in your new vehicle inventory before delivery.

ATTACHMENTS

Attachment I:Administrative InformationAttachment II:Labor Allowances and Parts Ordering InformationAttachment III:Technical InformationCustomer Notification Letter

QUESTIONS & ASSISTANCE

Special Service Support Center (Dealer Only)1-800-325-5621

Sincerely,

Frank M. Ligon

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Compliance Recall 06C12

Certain 2005 Escape & Mariner Vehicles Without Side Air Curtains or Moonroof -Headliner Inspection and Modification

OASIS ACTIVATED?

Yes. OASIS was activated April 5, 2006.

FSA VIN LIST ACTIVATED?

Yes. FSA VIN lists will be available through FMCDealer.com or at <u>https://web.fsavinlists.dealerconnection.com</u> by May 15, 2006. Owner names and addresses will be available by May 26, 2006.

NOTE: Your FSA VIN list may contain owner names and addresses obtained from motor vehicle registration records. The use of such motor vehicle registration data for any purpose other than in connection with this recall is a violation of law in several states, provinces, and countries. Accordingly, you must limit the use of this listing to the follow-up necessary to complete this recall action.

STOCK VEHICLES

Correct all affected units in your new vehicle inventory before delivery.

SOLD VEHICLES

- Owners of affected vehicles will be directed to dealers for repairs.
- Immediately contact any of your affected owners whose vehicles are not on your VIN lists but are identified in OASIS. Give the owner a copy of the Customer Notification Letter (when available) and schedule a service date.
- Correct other affected vehicles identified in OASIS which are brought to your dealership.

TITLE BRANDED / SALVAGED VEHICLES

Affected title branded and salvaged vehicles are eligible for this Field Service Action.

RELATED DAMAGE

Call the Special Service Support Center to request approval **prior** to the repair of any related damage. Requests for approval after completion of the repair will not be granted.

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ADDITIONAL LABOR TIME

- If a condition exists that requires additional labor to complete the repair, call the Special Service Support Center to request approval **prior** to performing any additional labor. Requests for approval after completion of the repair will not be granted.
- If you encounter aftermarket equipment or modifications to the vehicle which might prevent the repair of the covered condition, call the Special Service Support Center.

OWNER REFUNDS

Refunds are not authorized for this program.

RENTAL VEHICLES

The use of rental vehicles is not authorized for this program.

CLAIMS PREPARATION AND SUBMISSION

- Enter claims using Direct Warranty Entry (DWE).
- Related damage must be claimed on a repair line that is separate from the repair line on which the FSA is claimed. Related damage requires approval from the Special Service Support Center.
- "MT" labor must be submitted on a separate repair line with the related damage flag checked.
 "MT" labor requires approval from the Special Service Support Center.
- Refer to ACESII manual for claims preparation and submission information.

ONE TIME CLAIM REIMBURSEMENT FOR LOCALLY OBTAINED 5/8 INCH AUGER BIT

Dealers will be reimbursed for the cost of one auger bit. For this reimbursement, the actual cost of the auger bit must be submitted on one of the initial claims for this recall using the miscellaneous expense code "OTHER".

NOTE: Any additional reimbursement claims for an auger bit will result in a charge-back.

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ATTACHMENT II

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Certain 2005 Escape & Mariner Vehicles Without Side Air Curtains or Moonroof -Headliner Inspection and Modification

LABOR ALLOWANCES

Vehicles WITHOUT Overhead Console

Description	Labor Operation	Labor Time
Lower headliner and Inspect only.	06C12A	0.8 hrs
Lower headliner, inspect and modify headliner (drill two holes in structural foam blocks)	06C12B	1.2 hrs

Vehicles WITH Overhead Console

Lower headliner and Inspect only.	06C12C	0.9 hrs
Lower headliner, inspect and modify headliner (drill two holes in structural foam blocks)	06C12D	1.3 hrs

NOTE: Related damage and "MT" labor requires prior approval. Call the Special Service Support Center at 1-800-325-5621.

REQUIRED SPECIAL TOOLS

To perform this recall, the technician will require a special drill guide and a 5/8 inch auger bit.

- Drill Guide: On or about May 12, 2006, one drill guide tool was sent to each dealer at no cost. The tool was shipped by DHL Express Ground Transportation and addressed, "ATTN: Service Manager". Questions regarding the drill guide should be directed to the Special Service Support Center (1-800-325-5621).
- 5/8 Inch Auger Bit: This tool must be obtained locally. For tool cost reimbursement, refer to Attachment I of this document.

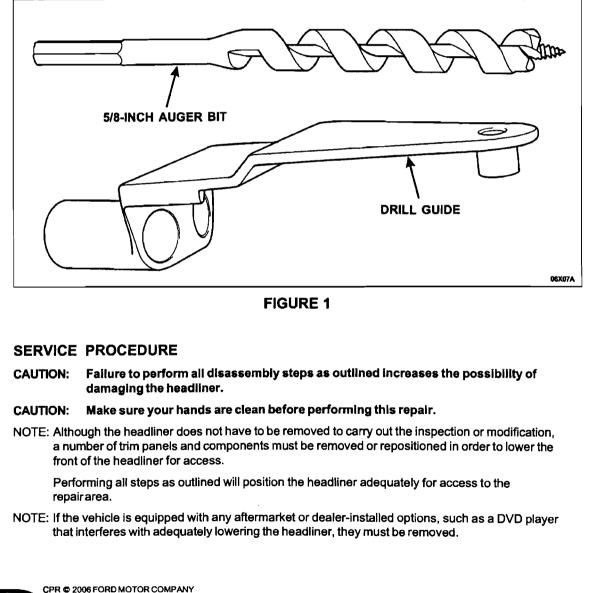
PARTS REQUIREMENTS / ORDERING INFORMATION

No parts are required for this recall.

CERTAIN 2005 ESCAPE AND MARINER VEHICLES WITHOUT SIDE AIR CURTAINS OR MOONROOF — HEADLINER INSPECTION AND MODIFICATION

OVERVIEW

This program involves lowering the headliner enough to inspect the structural foam blocks which are mounted above the front corners of the headliner. Depending on the results of the inspection, dealers will either release the vehicle, or modify the structural foam blocks using a special tool and a 5/8 inch auger bit. See Figure 1.



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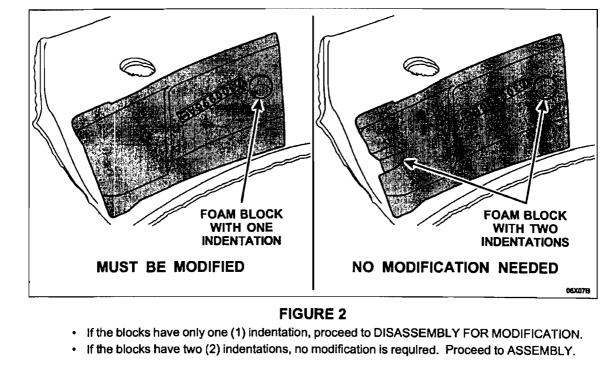
DISASSEMBLY FOR INSPECTION

NOTE: Perform the following steps on both sides of the vehicle.

- 1. Open the A-pillar assist handle bolt covers, then remove the bolts and the assist handles.
- 2. Remove the A-pillar trim panels.
- 3. At the B-pillars, remove the D-ring covers and the safety belt bolts.
- 4. Remove the upper B-pillar bolt covers and the bolts, then remove the B-pillar trim panels.
- 5. If equipped, remove the overhead console retaining screws and disconnect the electrical connector, then remove the console from the vehicle.
- 6. Remove the sunvisors and sunvisor clips. If equipped, disconnect the electrical connectors.
- 7. Open the rear seat overhead assist handle bolt covers, then remove the bolts and the assist handles.
- 8. Position the front and rear door weatherstrips down away from the headliner.
- 9. Allow the headliner to hang down loosely at the front corners. Do not pull down on the headliner or otherwise stress it, or damage may result.

INSPECTION

1. Without pulling the headliner down beyond its natural hanging rest position, carefully inspect the structural foam blocks mounted at the passenger and drivers side front corners on the top of the headliner to see if they have one (1) or two (2) indentations. See Figure 2.





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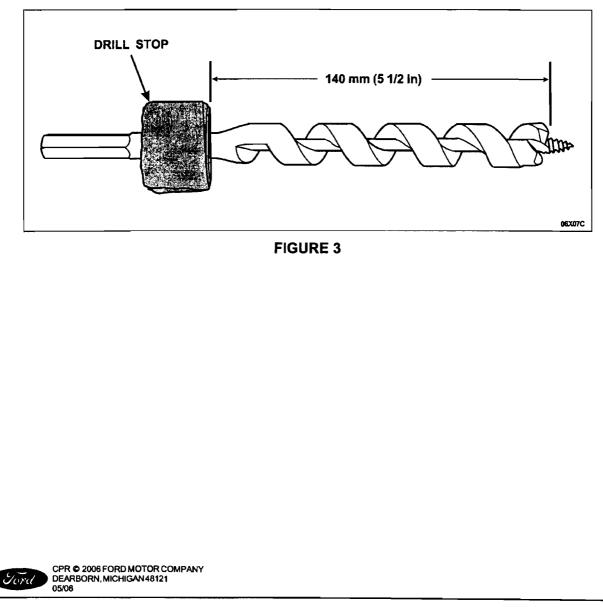
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DISASSEMBLY FOR MODIFICATION

- 1. Remove the interior lamp lens.
- 2. Remove the two (2) screws and the interior lamp, then disconnect the electrical connector.
- 3. Proceed to STRUCTURAL FOAM BLOCK MODIFICATION.

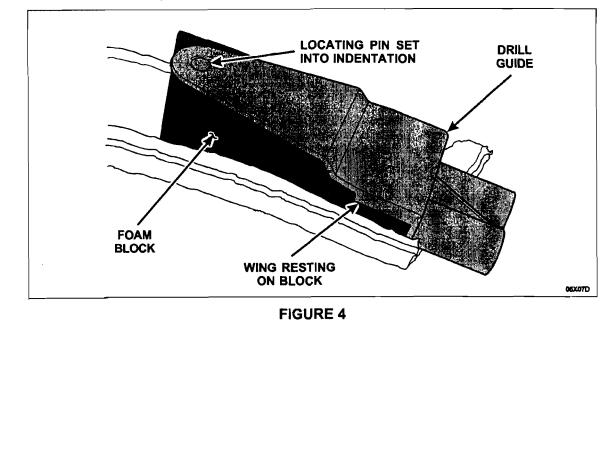
STRUCTURAL FOAM BLOCK MODIFICATION

- 1. Using fender covers, seat covers or suitable rags, cover the defroster and instrument panel ducts so chips cannot fall into the heater plenum while drilling.
- 2. Install a drill stop or apply suitable tape onto the drill bit 140 mm (5 1/2 in) from the end of the cutting portion of the bit (not from the threaded tip). See Figure 3.



3. CAUTION: The weight of the tool when positioned on the foam block increases the risk of headliner damage. Hold the headliner up when the tool is positioned on the foam block.

Starting on either side of the vehicle, position the supplied drill guide onto the foam block so that the locating pin is set into the indentation on top of the block and the "wings" are resting on either side of the block, preventing the guide from moving side-to-side. See Figure 4.





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4. WARNING: WEAR SAFETY GLASSES.

CAUTION: DO NOT USE an air-powered drill for this operation. Oil spray from the tool may damage the foam block or other interior trim.

CAUTION: Be sure to keep the drill motor at full speed and frequently clear the chips from the bit while drilling each hole. Bore the holes at a slow to moderate pace using light to moderate pressure on the drill. Attempting to bore the holes at a fast pace using excessive pressure on the drill, or failing to clear the chips from the bit, may cause the foam blocks to crack.

NOTE: Be sure to allow the drill motor to achieve full speed before attempting to bore the hole.

Drill the holes as follows:

- A. Holding the drilling guide securely in place, position the drill bit in either of the two (2) guide holes. See Figure 5.
- B. Start the drill motor and allow it to achieve full speed.
- C. Drill the hole at a slow to moderate pace, occasionally pulling the bit out to clear the chips.
- D. Drill the hole to the proper depth using the stop on the bit as your depth gauge. See Figure 6.
- E. Drill the second hole in the same foam block in the same manner.
- F. Repeat steps A E on the foam block on the other side of the headliner.

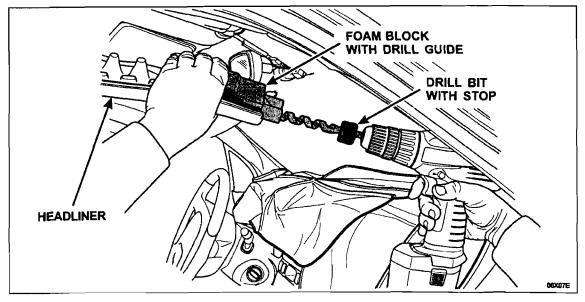


FIGURE 5



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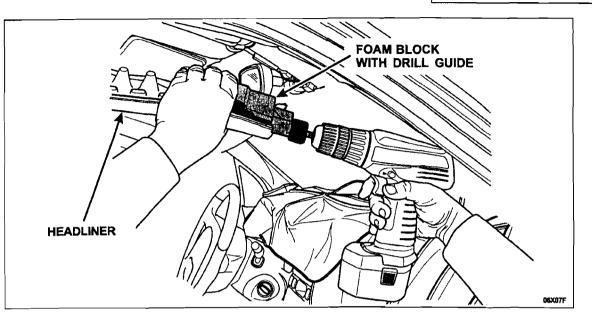


FIGURE 6

5. Remove the covers from the instrument panel and clean all foam chips from the vehicle. Proceed to ASSEMBLY.

ASSEMBLY

- 1. Position the B-pillar trim panels and install the bolts. Tighten to 7 Nm (62 lb-in), then install the bolt covers.
- 2. Position the safety belt and install the safety belt bolts at the B-pillar. Tighten to 53 Nm (39 lb-ft), then install the D-ring covers.
- 3. Install the A-pillar trim pariels.
- 4. Install the passenger A-pillar assist handles and bolts. Tighten to 5 Nm (44 lb-in), then install the bolt covers.
- 5. Install the front and rear door weatherstrips.
- 6. Connect and install the overhead console, if equipped.
- 7. Install and connect the interior lamp and screws.
- 8. Install the interior lamp lens.
- 9. Install the sunvisors, connecting the electrical connectors if equipped, and the sunvisor clips.
- 10. Install the rear seat overhead assist handles and bolts. Tighten to 8 Nm (71 lb-in), then install the bolt covers.



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