

August 23, 2006

1665 Snowy Owl Ct.
Rochester, MI 48307

Administrator
National Highway Traffic Safety Administration
400 Seventh Street, S.W.
Washington DC 20590

EXECUTIVE SECRETARIAT

2006 SEP 19 A 10:11

NATIONAL HIGHWAY
TRAFFIC SAFETY ADMIN.

PETITION

To whom it may concern:

Under the Code of Federal Regulations Part 552-Petitions for Rulemaking, Defects, and Noncompliance Orders, I am submitting this petition to request the NHTSA to remedy a failure of my 1999 Ford Contour (VIN 1FAFP66LXXK228330) to comply with Federal Motor Vehicle Safety Standard 208 Occupant Crash Protection.

In August 2001, I received a letter from Ford Motor Company Director of Vehicle Service Programs regarding Customer Satisfaction Program Number 01B78 regarding instrument panel warpage (see Attachment A). The letter advised me to contact my dealer "without delay" who will evaluate and repair as required at no cost to me. The following week, the Crissman Lincoln-Mercury dealership advised me that my instrument panel was not in need of repair.

However, by late 2002, my panel was beginning to show signs of warpage (see Attachments B through G). In the spring of 2006 at approximately 50,000 miles, my defrost bezel began to rattle. As I work at a major automotive interior supplier, I reviewed the issue with my fellow instrument panel engineers. They made me aware that improperly retained instrument panel components can be detrimental to the desired performance of front air bag deployments as well as become projectiles during air bag deployments.

I returned to the Crissman Lincoln-Mercury dealership in July 2006. I was told that this \$400 repair would not be covered as the enclosed Technical Service Bulletin 03-4-6 (see Attachment H) provided coverage under the 36,000 mile / 3 year warranty and my vehicle was over 6 years old. I then contacted Sherman Levitt, Ford Customer Service Division District Manager - Great Lakes Market (phone 313-587-0077) and was told that there was nothing that Ford would do.

I respectfully request that you grant this petition based on the facts presented herein. I expect that, at the very least, Ford Motor Company would be responsible for correcting this condition and assuring me that my instrument panel is compliant with FMVSS 208. Thank you in advance for your consideration. Please call me at 248-371-8240 if you have any questions.

Sincerely,



Eric Moening

ES06-005946

PM 8/24/01

Attachment A



A. R. O'Neill
Ford Motor Company
P.O. Box 1904
Dearborn, Michigan 48121

1999 Contour
Vehicle ID #: 1FAFP66LXXK228330 0047 01B78 August, 2001
E T MOENING
1665 SNOWY OWL CT
ROCHESTER, MI 48307-6003



At Ford Motor Company, we always have your satisfaction in mind. As a result, we are providing a no-charge service to our 1999 and 2000 model year Ford Contour and Mercury Mystique owners, Customer Satisfaction Program Number 01B78.

Reason For This Program...

The cover on your instrument panel may warp. This warpage, if present, will first occur in the areas around the defroster grill opening at the top of the instrument panel. This may occur when the instrument panel cover begins to separate from the instrument panel substrate during exposure to high ambient temperatures and may eventually progress to a noticeable level.

What Ford Motor Company and your dealer will do...

Ford Motor Company is providing repair coverage to all owners of affected vehicles. At no cost to you, your dealership will evaluate the condition of your instrument panel and repair as required. This program will be in effect until August 31, 2002, regardless of mileage.

What we are asking you to do...

Call your dealer without delay. Provide the dealer with your Vehicle Identification Number (located at the beginning of this letter). Ask for a service date and whether parts are in stock for Owner Notification Program 01B78. If parts are not in stock, they can be ordered prior to scheduling a service appointment. Parts would be expected to arrive within a week of ordering. If you do not have a servicing dealer, please access www.dealerconnection.com for dealer addresses, maps, and driving instructions.

How long will it take...

The time needed for this repair is less than one-half day. However, due to service scheduling requirements, your dealer may need your vehicle for a longer period of time.



Refunds...

If you already paid to have your instrument panel replaced due to warpage before the date of this letter, Ford Motor Company is offering a refund. For the refund, please give your paid original receipt to your dealer. To avoid delays, do not send receipts to Ford Motor Company.

If you've changed address or sold the vehicle...

Please fill out the enclosed prepaid postcard and mail it to us so we can update our records. If you have sold the vehicle, the information you provide on the postcard will be used to notify the new owner about this program.

If you have concerns ...

If you have trouble getting your vehicle repaired promptly and without charge, please contact your dealership's Service Manager for assistance.

If you still have concerns, please contact the Ford Motor Company Customer Relationship Center and one of our representatives will be happy to assist you:

Call (866) 436-7332
(800) 232-5952 (TDD for the hearing impaired.)

Office Hours: (Eastern Standard Time)

Monday-Friday: 8AM – 11PM

Saturday: 9AM – 6PM

Or you may contact us through the Internet ...

www.ownerconnection.com

Quality Care service is there for you all year long.

QualityCare
at your service

Quality Care is the commitment of Ford Motor Company and its dealerships to provide you with a superior service and ownership experience. While we regret the inconvenience caused by this program, we stand committed with our dealers to assist you with all of your automotive service needs. With our nationwide dealer network, we're here to ensure you receive Quality Care service so that your vehicle maintains peak performance throughout your ownership experience.

We pride ourselves on becoming the world's leading consumer company for automotive products and services. Again, we are sorry for the inconvenience. Thank you for your attention to this important matter.

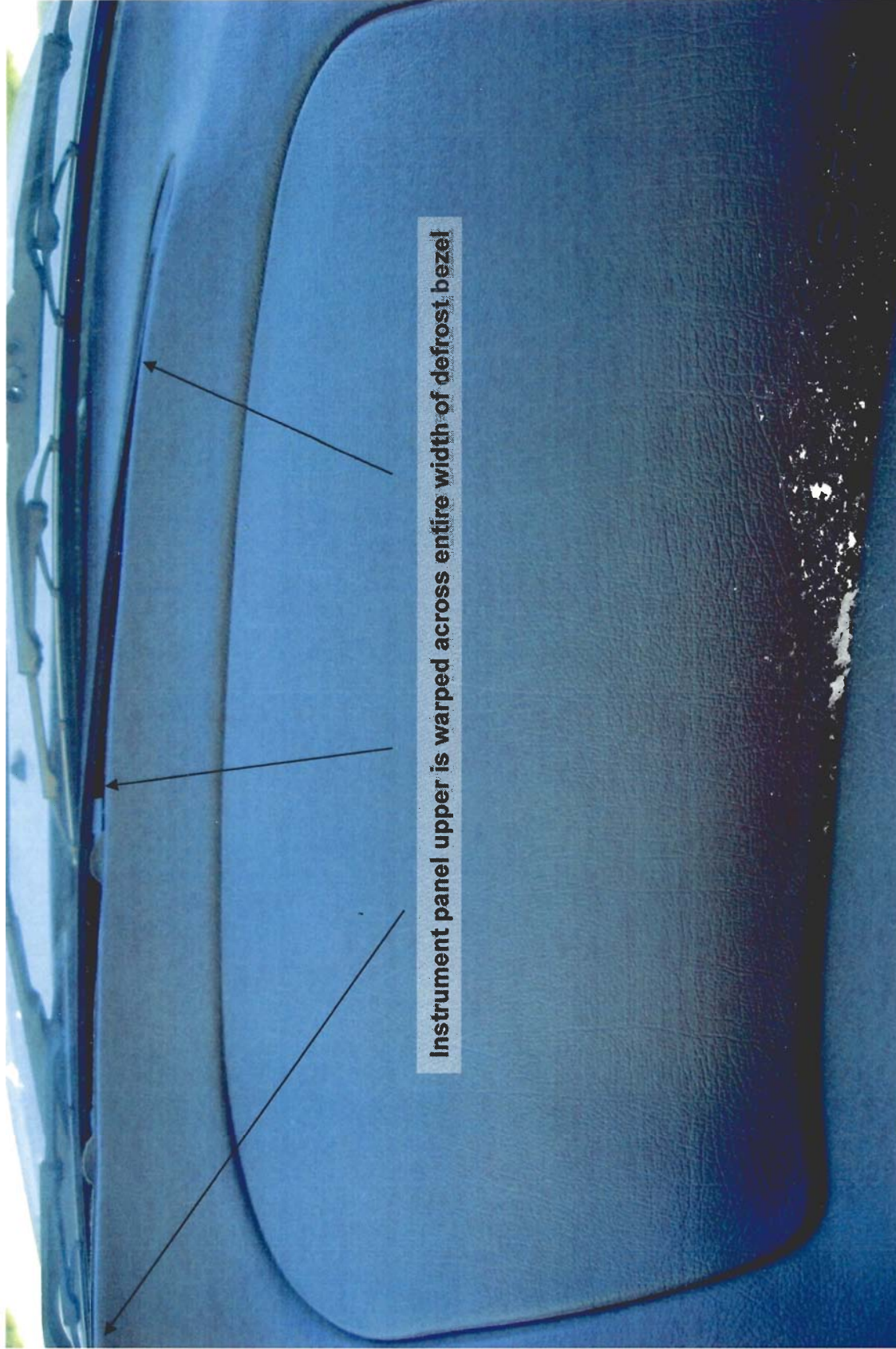
Sincerely,



Ann O'Neill
Director
Vehicle Service and Programs

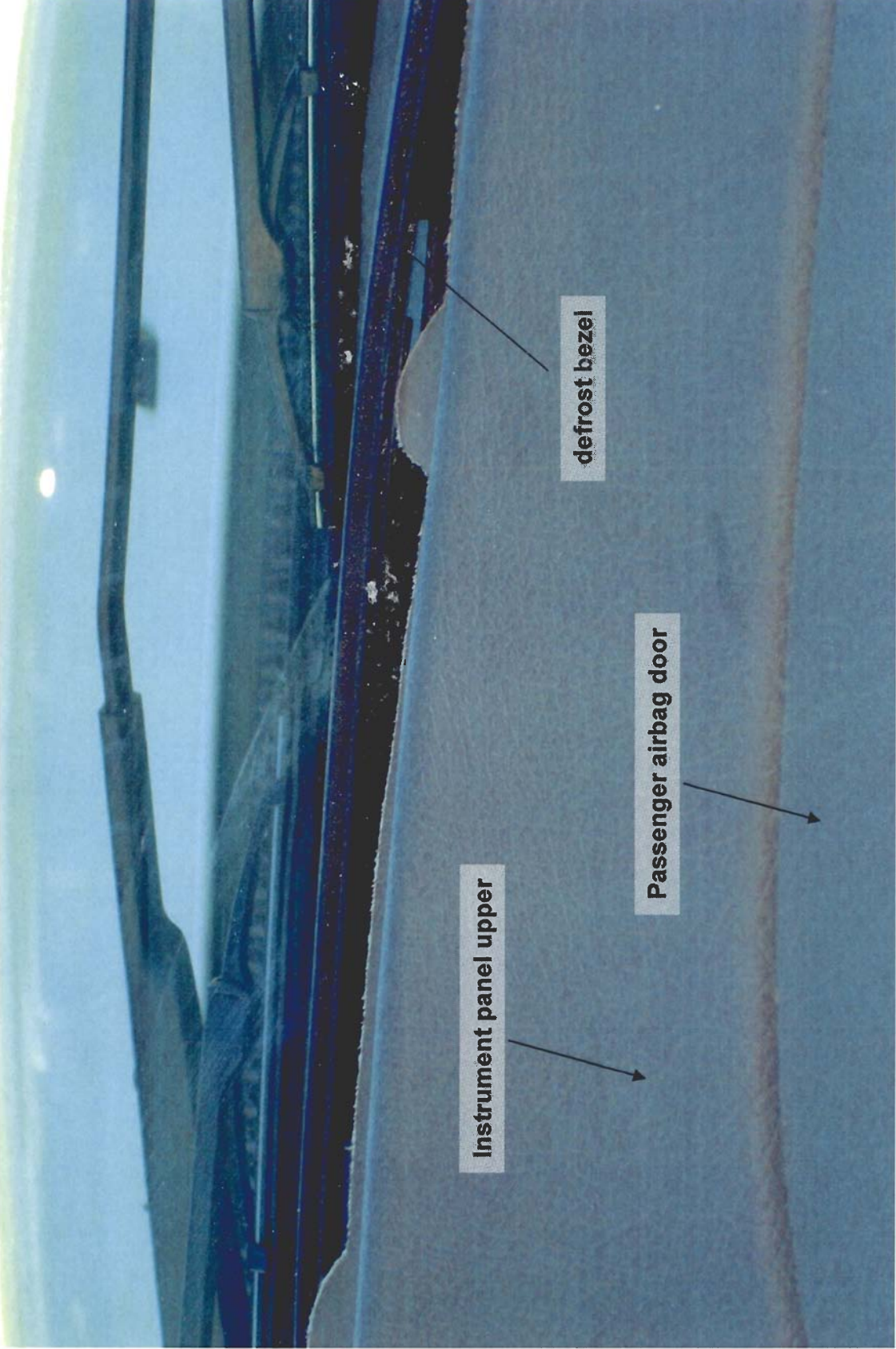
Eric Moening's
1999 Ford Contour (VIN 1FAFP66LXXK228330)
Instrument Panel Warpage

Attachment B



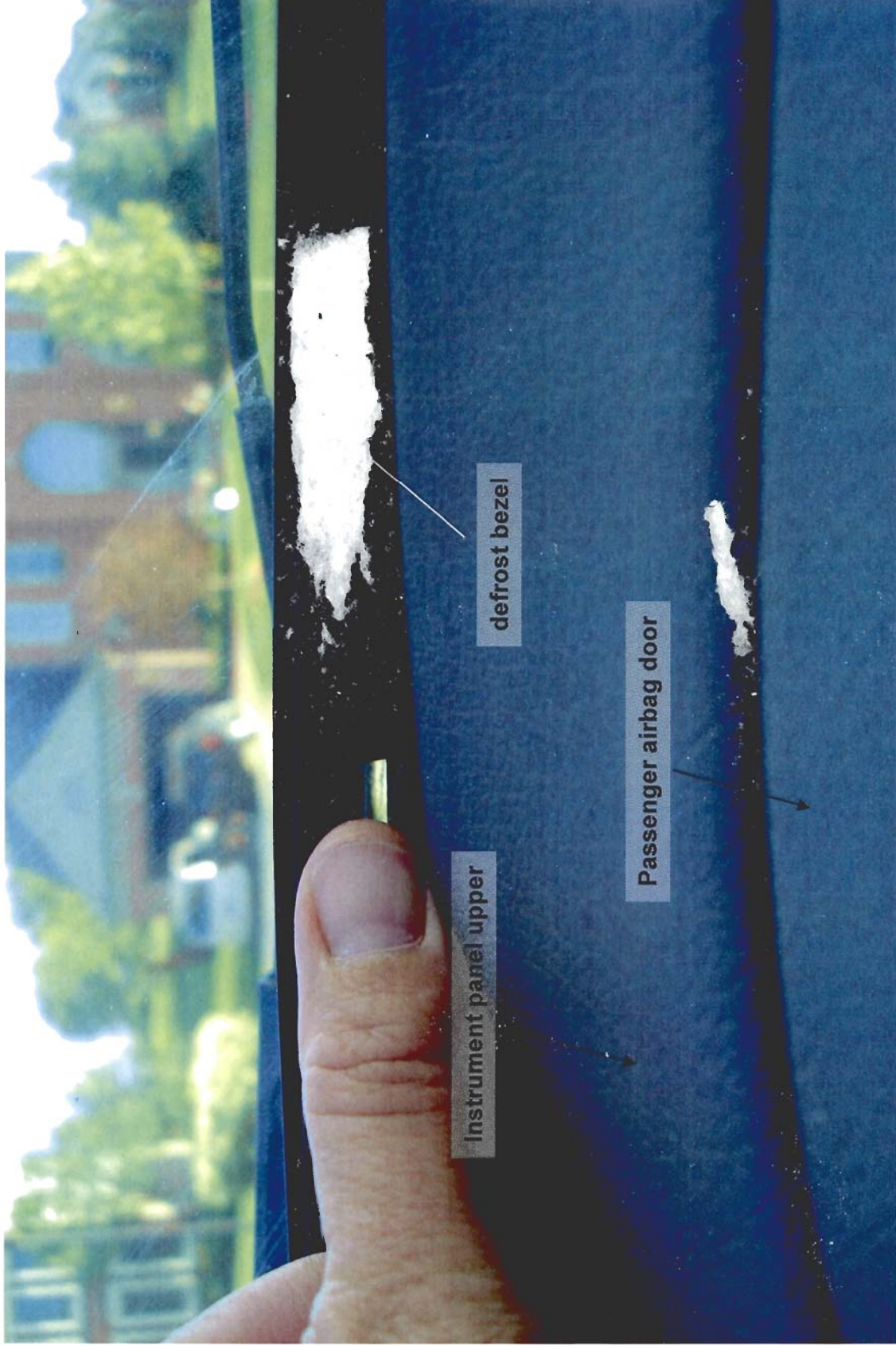
Instrument panel upper / passenger air bag door

Eric Moening's
1999 Ford Contour (VIN 1FAFP66LXXK228330)
Instrument Panel Warpage



Instrument panel upper / loose defrost bezel

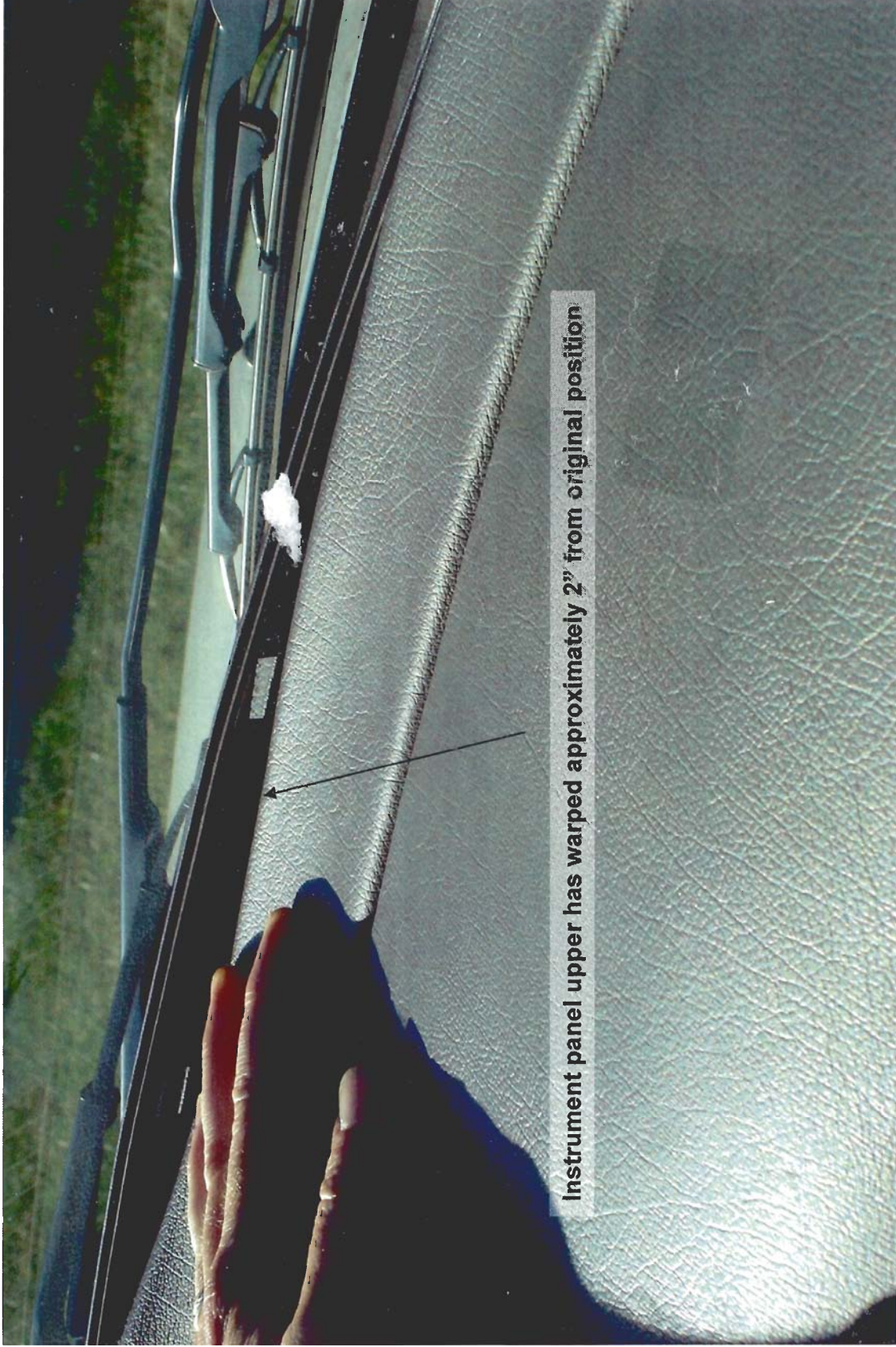
Eric Moening's
1999 Ford Contour (VIN 1FAFP66LXXK228330)
Instrument Panel Warpage



Instrument panel upper / loose defrost bezel

**Eric Moening's
1999 Ford Contour (VIN 1FAFP66LXXK228330)
Instrument Panel Warpage**

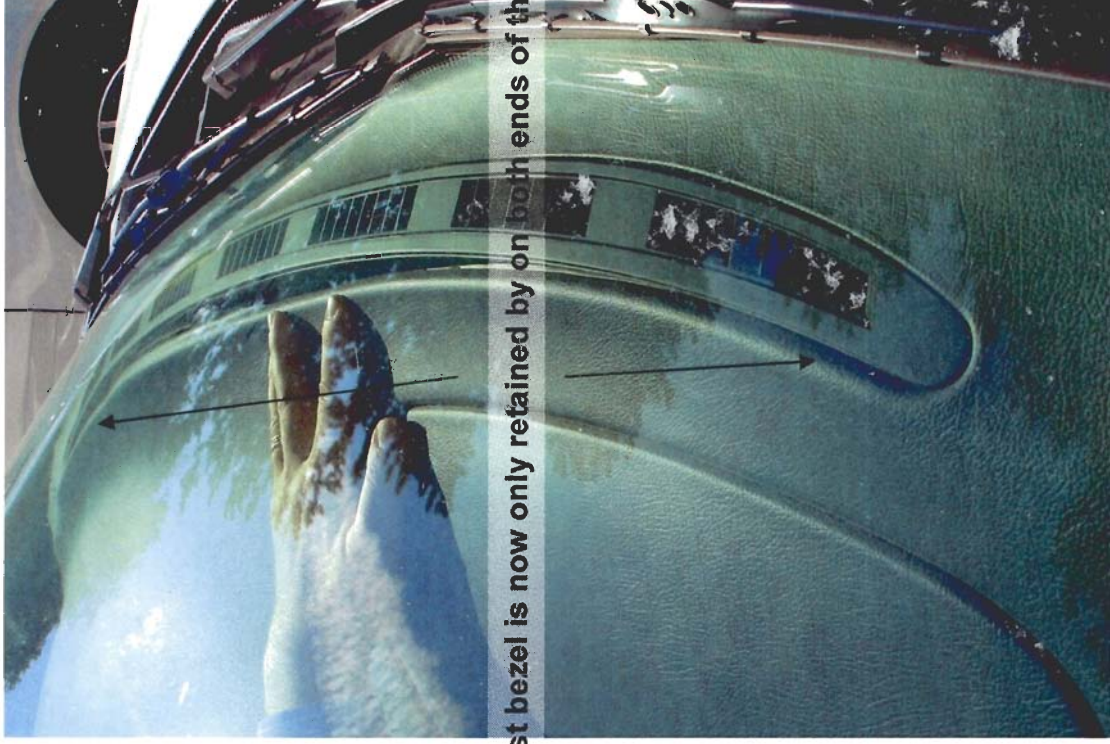
Attachment E



Instrument panel upper has warped approximately 2" from original position

Instrument panel upper / loose defrost bezel

Eric Moening's
1999 Ford Contour (VIN 1FAFP66LXXK228330)
Instrument Panel Warpage



Due to warpage, the defrost bezel is now only retained by on both ends of the instrument panel upper


Instrument panel upper / loose defrost bezel

**Eric Moening's
1999 Ford Contour (VIN 1FAFP66LXXK228330)
Instrument Panel Warpage**

Attachment G



Instrument panel upper / loose defrost bezel closeup

 Printable View (621 KB)	
TSB 03-4-6	• TRIM - INSTRUMENT PANEL WARPAGE REPAIR
Publication Date: February 20, 2003	

FORD: 1999-2000 CONTOUR

MERCURY: 1999-2000 MYSTIQUE

ISSUE:

Some vehicles may exhibit warpage of the instrument panel cover at the front edge of the instrument panel cover near the windshield, above the instrument cluster and around the glove compartment. The warpage is accelerated in warmer climates. The warpage does not prevent normal function, but results in objectionable appearance.

ACTION:

Repair the instrument panel cover and install a new defroster grille and defroster cover onto the instrument panel. Refer to the following Service Procedure for details.

OVERVIEW

This document details an improved procedure for repairing warpage of the instrument panel (I/P) cover. Obtain Instrument Panel repair kit 1S2Z-5404282-DA.

NOTE: FOAM VOIDS AND BUBBLES WHICH MAY BE PRESENT AND NOTICEABLE ARE NOT RELATED TO I/P DELAMINATION.

The repairs will include:

- Installing U-clips around the defroster duct opening if necessary
- Installing an edge trim molding at the front of the I/P near the windshield
- Installing a new defroster grille with retaining clips
- Installing a defroster cover onto the I/P, over the new defroster grille
- Installing rivets around the instrument cluster and glove box openings



CAUTION: COMPONENTS OF THE REPAIR KIT MUST BE INSTALLED AS INSTRUCTED AND IN THE ORDER PRESCRIBED IN THIS DOCUMENT. FAILURE TO DO SO WILL RESULT IN AN UNSATISFACTORY REPAIR.



CAUTION: THE VEHICLE INTERIOR MUST BE AT ROOM TEMPERATURE BEFORE ATTEMPTING THIS REPAIR PROCEDURE OR INTERIOR TRIM PANEL BREAKAGE AND POOR FIT OF THE KIT COMPONENTS WILL MOST LIKELY OCCUR.

SERVICE PROCEDURE

1. Apply the parking brake and move the shifter lever to its full rearward position.
2. Record the preset radio stations, then disconnect the battery negative cable.
3. Insert a small screwdriver into the defroster grille and gently pry the grille out of the instrument

- panel (I/P) (Figure 1).
4. Remove the instrument cluster bezel:
 - a. Contour models:
 - Remove the name plate or clock and disconnect the electrical connector, if equipped
 - Remove the screws securing the headlamp switch panel, then remove the panel and disconnect the electrical connectors
 - Remove the heated rear window switch panel by reaching through the headlamp switch panel opening and pushing it out from the inside of the I/P. Then disconnect the electrical connector
 - b. Mystique models:
 - Remove the three (3) bezel screw covers along the bottom of the cluster bezel
 - c. Both models:
 - Remove the screws attaching the bezel to the I/P
 - Remove the cluster bezel
 5. Remove the right and left side A-pillar trim panels.
 6. Remove the right and left hand instrument panel (I/P) main mounting bolt covers. Then remove the main mounting bolts (Figure 2).
 7. Remove the four (4) bolts securing the driver-side instrument panel lower panel to the I/P, remove the courtesy lamp from the panel and remove the panel from the vehicle.
 8. Remove the two (2) left hand center retaining bolts (Figure 3).
 9. Remove the four (4) bolts securing the steering column to the I/P. Carefully pull the steering column toward the driver seat to disengage the mounting tab, and rest it on the driver seat (Figure 4). To prevent any possible damage, place a soft cloth over the steering wheel and steering column upper cover.
 10. Open the glove box and mark the edge of the glove box opening with masking tape. This is done to make sure that when the rivets are installed, they will be below the glove box opening (Figure 5).
 11. Remove the glove box from the vehicle.
 - Open the glove box to its fullest extent by depressing the tabs on each side
 - Using a gentle left-to-right rocking motion, pull the glove box away from the I/P
 12. Remove the passenger vent duct through the glove box opening.
 13. Remove the two (2) right hand center retaining bolts (Figure 6).
 14. Remove the two (2) upper I/P retaining nuts through the glove box opening (Figure 7).



CAUTION: DO NOT PULL THE I/P OUT MORE THAN 15 CM (6 IN.) TO AVOID ANY POSSIBLE DAMAGE TO WIRE HARNESES, VACUUM HOSES OR CABLES.



CAUTION: TO PREVENT ANY POSSIBLE DAMAGE, PLACE A SOFT CLOTH OVER THE SHIFTER LEVER.

15. Gently pull the I/P away from the windshield approximately 10-15 cm (4-6 in.).



CAUTION: DO NOT DAMAGE THE VINYL MATERIAL AROUND THE DEFROSTER DUCT OPENING WHILE SCRAPING THE SUBSTRATE MATERIAL FROM THE DEFROSTER DUCT OPENING.

NOTE: THE I/P VINYL MATERIAL MAY BE DELAMINATED SEVERELY ENOUGH TO INTERFERE WITH DEFROSTER COVER INSTALLATION. IF SO, INSTALL ONE OR MORE U-CLIPS TO PROPERLY FIT THE DEFROSTER COVER IN PLACE. IF U-CLIP INSTALLATION IS NECESSARY, YOU MAY ALSO NEED TO TRIM EXCESS BLACK SUBSTRATE MATERIAL FROM THE DEFROSTER DUCT OPENINGS. IF THE VINYL MATERIAL DOES NOT INTERFERE WITH COVER INSTALLATION, THEN U-CLIP INSTALLATION

AND TRIMMING OF THE DEFROSTER DUCT OPENING IS NOT NECESSARY.

NOTE: INSERT SHOP TOWELS INTO THE TWO (2) CENTER DEFROSTER DUCTS TO PREVENT ANY DEBRIS FROM FALLING INTO THE HEATER CORE HOUSING.

NOTE: IT IS ACCEPTABLE FOR THE VINYL MATERIAL TO OVERLAP THE EDGE OF THE SUBSTRATE MATERIAL. IT IS **NOT** ACCEPTABLE FOR THE SUBSTRATE TO EXTEND BEYOND THE VINYL.

NOTE: A UTILITY KNIFE OR RAZOR-TYPE KNIFE IS NOT SUITABLE FOR SCRAPING THE SUBSTRATE. A STIFF-BLADED POCKET KNIFE WITH A LOCKING BLADE OR A LINOLEUM CUTTER IS RECOMMENDED.

16. Using a stiff knife, scrape any excess black substrate material or substrate flashing from along the inside edge of the defroster duct openings. Make sure the substrate is scraped back even to or just past the vinyl material (Figure 8).

NOTE: BE SURE TO INSTALL ALL U-CLIPS BEFORE INSTALLING THE EDGE TRIM MOLDING ON THE FRONT OF THE I/P. THIS WILL MAKE MOLDING INSTALLATION EASIER. MAKE SURE SHOP TOWELS ARE INSERTED INTO THE TWO (2) CENTER DEFROSTER DUCTS TO PREVENT ANY U-CLIPS FROM FALLING INTO THE HEATER CORE HOUSING.

17. Install the U-clips as follows:

- Be sure the clips you are using are the segmented type as in Figure 9, View A
- Obtain the necessary U-clips from the repair kit. Using segmented U-clips, bend them slightly to match the curve of the defroster duct opening. Installing U-clips in the outermost defroster duct openings, make sure to install them flush against the opening support as indicated in Figure 9, View B
- Position the U-clips in the defroster duct opening as indicated in Figure 9, View C
- Snap the U-clips into place by "rolling" them around the edge of the defroster duct opening as indicated in Figure 9, View D

NOTE: DO NOT INSTALL THE GRILLE AT THIS TIME. THIS STEP IS ONLY A TEST FIT.

18. Test fit the new defroster grille into the defroster grille opening. If the defroster grille is too long or does not fit properly, trim the ends of the grille to allow proper fit (Figure 10).

NOTE: THERE ARE SEVEN (7) DEFROSTER DUCT OPENING SUPPORTS. THREE (3) HAVE HOLES, FOUR (4) DO NOT.

19. Trim the vinyl material at each defroster duct opening support that has a hole in it so the retainer clips installed in Step 20 will not overlap the vinyl material (Figure 11).
20. Install one (1) retainer clip into each of the three (3) defroster duct opening supports with holes (Figure 12).
21. If necessary, clean any debris from the defroster duct, then remove the shop towels from the defroster ducts.



CAUTION:

MAKE SURE THE SHOP TOWELS ARE REMOVED FROM THE DEFROSTER DUCT OPENINGS BEFORE INSTALLING THE NEW

DEFROSTER GRILLE.

22. Working from the driver side toward the passenger side, install the new defroster grille by first inserting the forward edge firmly into place and then inserting the rearward edge.
23. Inspect the molding before installing it onto the I/P. Make sure the flock tape is on the lip seal side and wraps around the forward edge as shown (Figure 13). If the flock tape is not installed in this fashion, reposition as necessary.



CAUTION: THE MOLDING MUST BE INSTALLED ALONG THE LEADING EDGE OF THE I/P BEGINNING AT THE DRIVER SIDE, NOT IN THE CENTER. THE MOLDING MUST ALSO BE INSTALLED WITH THE LIP SEAL ON THE BOTTOM AND MUST BE FULLY SEATED AGAINST THE LEADING EDGE OF THE I/P. FAILURE TO INSTALL THE MOLDING IN THIS MANNER WILL RESULT IN AN IMPROPER FIT AND A POOR APPEARANCE.

NOTE: TO MAKE INSTALLATION OF THE MOLDING EASIER, MAKE SURE THE I/P IS PULLED AWAY FROM THE BULKHEAD AS FAR AS POSSIBLE WITHOUT DAMAGING ANY WIRE HARNESSSES, VACUUM HOSES OR CABLES.

24. Install the molding as follows:
 - Beginning at the driver side of the I/P, position the rearward edge of molding so it is flush with the side of the I/P. Installed correctly, the forward edge of the molding will hang over the I/P about 10 - 13 mm (3/8 - 1/2 in.) (Figure 13)
 - Work the molding into place along the length of the I/P toward the passenger side, making sure to fully seat it as you go

NOTE: STEPS 25-27 ARE FOR DEFROSTER COVER INSTALLATION.

25. Position the defroster cover onto the I/P over the defroster grille.



CAUTION: ONLY USE A 4.7 MM (3/16 IN.) DRILL BIT WHILE INSTALLING THE DEFROSTER COVER. DO NOT ALLOW THE DRILL BIT TO MOVE FROM SIDE TO SIDE WHILE DRILLING. THE HOLE FOR THE RIVET MUST NOT BE LARGER THAN 4.7 MM (3/16 IN.).

NOTE: THE DEFROSTER COVER COMES WITH SIX (6) PRE-DRILLED RIVET HOLES. USE THESE HOLES AS A GUIDE TO DRILL RIVET HOLES INTO THE DEFROSTER DUCT OPENING SUPPORTS.

NOTE: MAKE SURE THE RIVETS ARE FULLY SEATED AGAINST THE DEFROSTER COVER, AND MAKE SURE TO PRESS THE RIVET GUN FIRMLY AGAINST THE DEFROSTER COVER WHILE FASTENING THE RIVETS.

26. While holding the defroster cover in place with one hand, drill out one of the center rivet holes using the pre-drilled hole in the defroster cover as a guide. Make sure to drill straight through the defroster duct opening support. Position one (1) rivet into the drilled hole, but do not fasten it at this time. Drill out the other center rivet hole, making sure to go straight through the support beneath it, and then position and fasten one (1) rivet in the drilled hole. Fasten the first rivet and then continue working from the center toward the outside, drilling each hole and installing rivets one at a time.
27. Touch up any rivet heads as necessary with black touch-up paint, or equivalent, to cover any

silver/metallic color that may be showing.



CAUTION: MAKE SURE THERE ARE NO WIRE HARNESSSES OR VACUUM LINES BETWEEN THE I/P AND ITS MOUNTING FRAME BEFORE POSITIONING THE I/P AND INSTALLING THE FASTENERS.

28. Position the I/P onto its mounting frame.
29. Install the right and left hand I/P main mounting bolts, then install the main mounting bolt covers.
30. Install the two (2) right hand center retaining bolts and the two (2) upper I/P retaining nuts through the glove box opening.
31. Install the passenger vent duct through the glove box opening.

NOTE: THE RIVET HOLES THAT ARE GOING TO BE DRILLED MUST BE SPACED APPROXIMATELY 51 MM (2 IN.) APART AND MUST BE PLACED BELOW THE TAPE THAT WAS APPLIED EARLIER IN THIS PROCEDURE (FIGURE 14).

32. On each side of the bottom of the glove box opening, measure out and place two (2) marks to indicate where the rivet holes will be drilled (Figure 14).



CAUTION: DO NOT EXCEED A DEPTH OF 10 MM (3/8 IN.) WHEN DRILLING THE HOLES. YOU MUST USE A DRILL STOP OR APPLY TAPE 10 MM (3/8 IN.) FROM THE TIP OF THE DRILL BIT TO PREVENT IT FROM DRILLING TOO FAR INTO THE I/P.

33. Using a 3.2 mm (1/8 in.) drill bit, drill one (1) hole in each of the four (4) locations marked (Figure 14).
34. Using a commercially available pop rivet gun, install one (1) supplied rivet in each hole that was drilled into the bottom of the glove box opening.



CAUTION: ON MOST VEHICLES, THE RIVET HOLES MUST BE DRILLED 76 MM (3 IN.) APART AND 19 MM (3/4 IN.) IN FROM THE CLUSTER OPENING LEDGE. FOR VEHICLES THAT HAVE LESS THAN 19 MM (3/4 IN.) OF VINYL MATERIAL OVERLAPPING THE CLUSTER OPENING, THE HOLE MUST BE DRILLED NO CLOSER THAN 5 MM (3/16 IN.) TO THE END OF THE VINYL MATERIAL. IF THE HOLES ARE DRILLED IN ANY PLACE BUT THE DESCRIBED LOCATIONS, THE HEADS OF THE RIVETS WILL EITHER TEAR THROUGH THE VINYL MATERIAL OR WILL BE VISIBLE AFTER CLUSTER INSTALLATION.

35. From below the instrument cluster opening ledge of the I/P, measure out and place seven (7) marks to indicate where the rivet holes will be drilled. Place the first mark directly above the exact center of the cluster. From this point, measure 76 mm (3 in.) out on both sides to locate the remaining holes (Figure 15).



CAUTION: TO PREVENT DRILLING THROUGH THE TOP OF THE I/P, A DRILL STOP MUST BE USED WHEN DRILLING THE RIVET PLACEMENT HOLES INTO THE INSTRUMENT CLUSTER OPENING LEDGE. THE DRILL BIT MUST NOT GO FURTHER THAN 10 MM (3/8 IN.) INTO THE I/P.

NOTE: INSTRUMENT PANELS THAT ARE DAMAGED DUE TO "DRILL-THROUGH"

ARE NOT WARRANTABLE. IF A MECHANICAL DRILL STOP IS NOT AVAILABLE, ONE CAN BE MADE BY EITHER WRAPPING AN ABUNDANCE OF ELECTRICAL TAPE AROUND THE BIT AT THE CORRECT DEPTH OF 10 MM (3/8 IN), OR INSTALLING A SHORT PIECE OF VACUUM HOSE HELD IN PLACE BY TAPE AT THE CORRECT DEPTH.



CAUTION: FAILURE TO DRILL STRAIGHT THROUGH THE VINYL AND SUBSTRATE MAY CAUSE THE RIVETS TO PULL THROUGH THE VINYL MATERIAL.



CAUTION: ONLY USE CLAMPS THAT HAVE RUBBER OR PLASTIC-COATED JAWS TO PREVENT DAMAGING THE VINYL I/P SURFACE.

36. Install a drill stop onto the drill bit 10 mm (3/8 in.) from the tip. As you drill each hole, hold the vinyl flush against the substrate material, either by hand or by using a spring clamp with protective-coated jaws (Figure 16). Using a 3.2 mm (1/8 in.) drill bit, drill seven (7) holes into the bottom of the instrument cluster opening ledge of the I/P.
37. Using a commercially available pop rivet gun, install one (1) supplied rivet in each hole that was drilled into the I/P.
38. Install the instrument cluster bezel and all screws that secure the bezel.
 - a. Contour models:
 - Install the name plate and, if equipped, connect the electrical connector and install the clock
 - Connect the electrical connectors on the heated rear window switch and the headlamp switch, and install both switch panels into the I/P
 - b. Mystique models:
 - Install the three (3) bezel screw covers along the bottom of the cluster bezel
39. Position the steering column into the I/P by engaging the mounting tab, then install the four (4) bolts securing it to the I/P. Tighten the bolts to 24 N-m (18 Lb-ft).
40. Install the two (2) left hand center retaining bolts.
41. Install the courtesy lamp into position on the driver side instrument panel lower panel, position the panel onto the I/P, and install the four (4) bolts securing it to the I/P.
42. Remove the tape applied earlier in this procedure, then install the glove box into its original position in the I/P.
43. Install the right and left side A-pillar trim panels.
44. Connect the battery negative cable and program the preset radio stations.
45. Move the shifter lever into the PARK position and release the parking brake.

PART NUMBER	PART NAME
1S2Z-5404282-DA	Kit - Instrument Panel Pad Repair

OTHER APPLICABLE ARTICLES:

NONE

WARRANTY STATUS:

Eligible Under The Provisions Of Bumper To Bumper Warranty Coverage

OPERATION	DESCRIPTION	TIME
030406A	Install Instrument Panel Repair Kit	1.9 Hrs.

23400 CLEAR
8200 -10%
7300 PARTS

DEALER CODING

BASIC PART NO.	CONDITION CODE
5404320	34

OASIS CODES:

107000

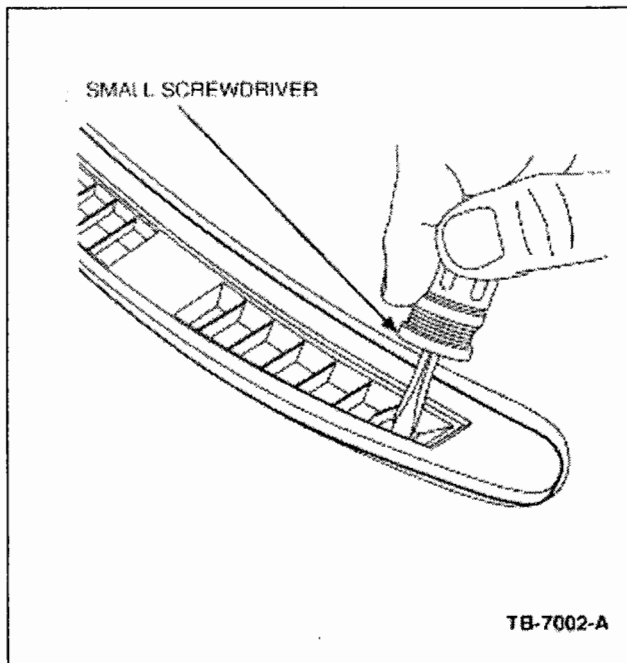


Figure 1 - Article 03-4-6

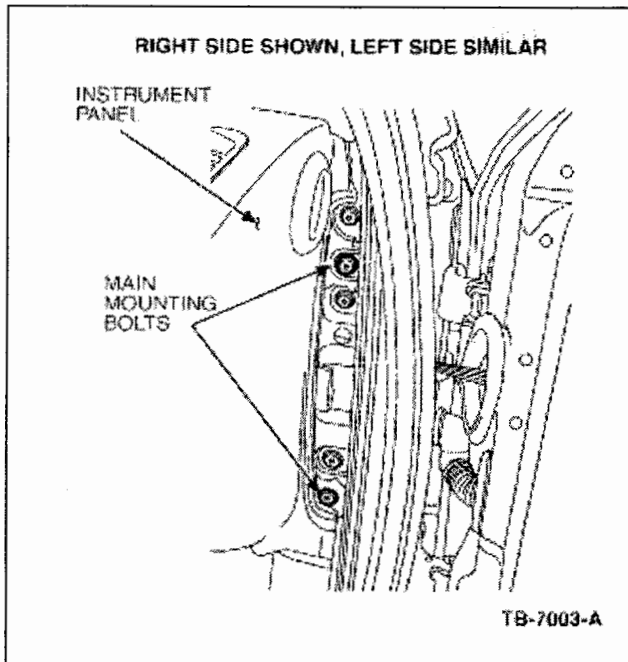


Figure 2 - Article 03-4-6

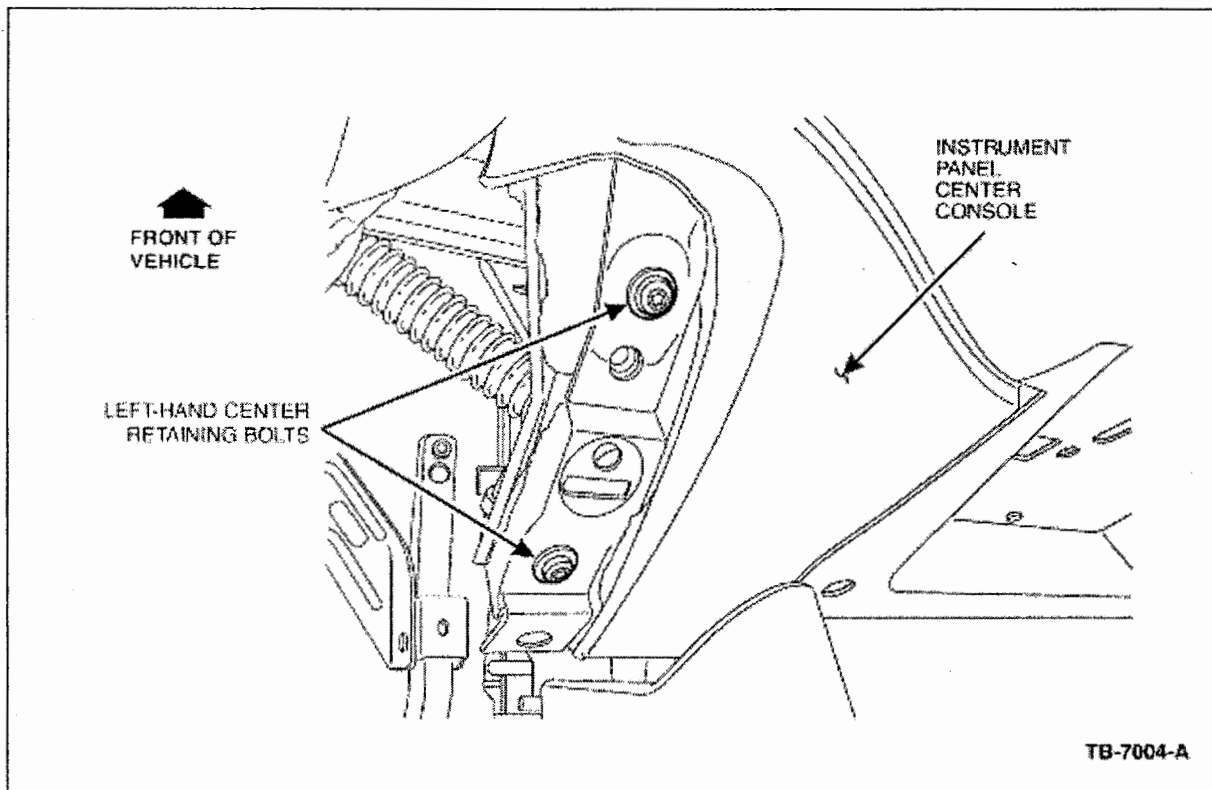


Figure 3 - Article 03-4-6

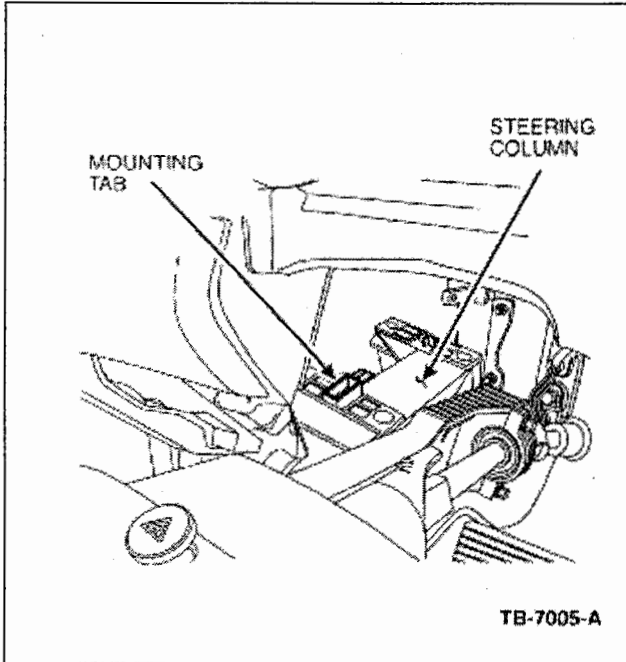


Figure 4 - Article 03-4-6

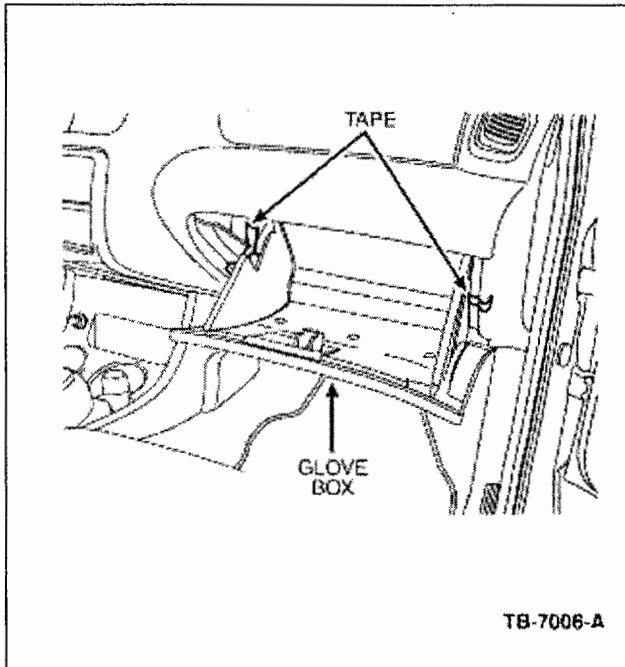


Figure 5 - Article 03-4-6

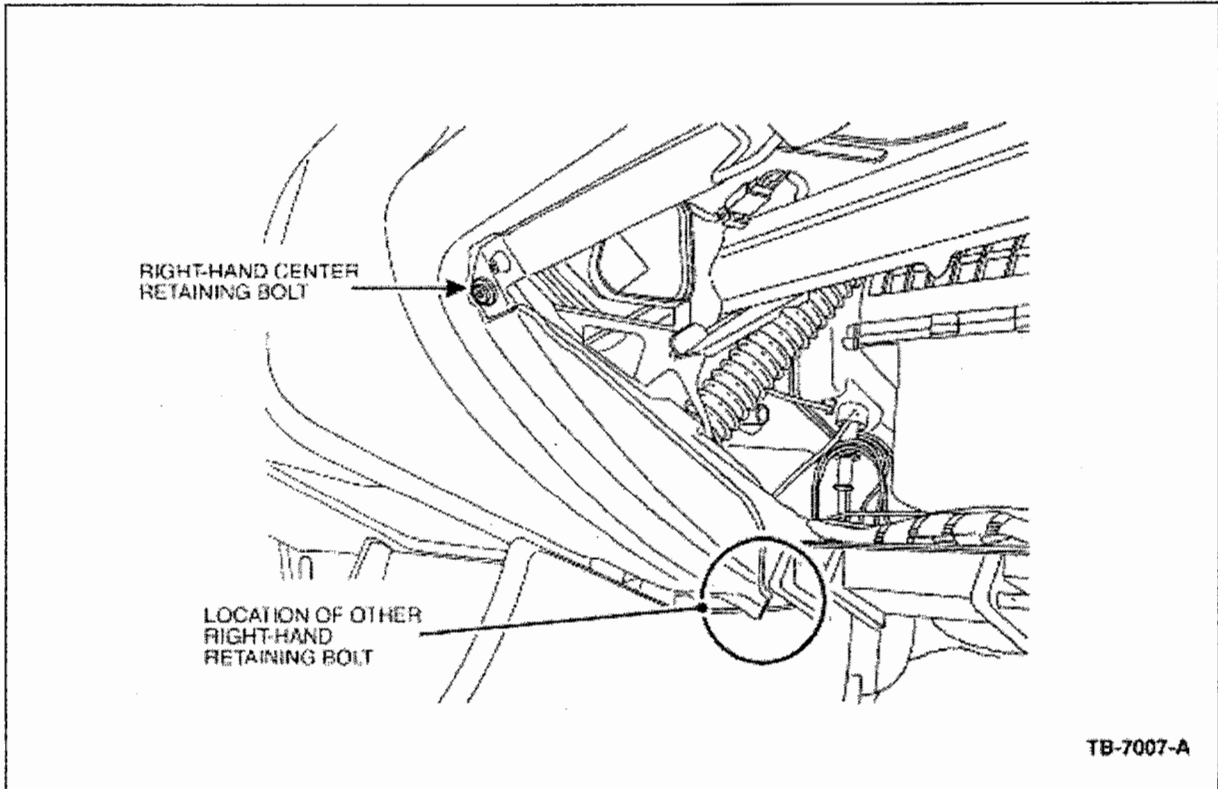


Figure 6 - Article 03-4-6

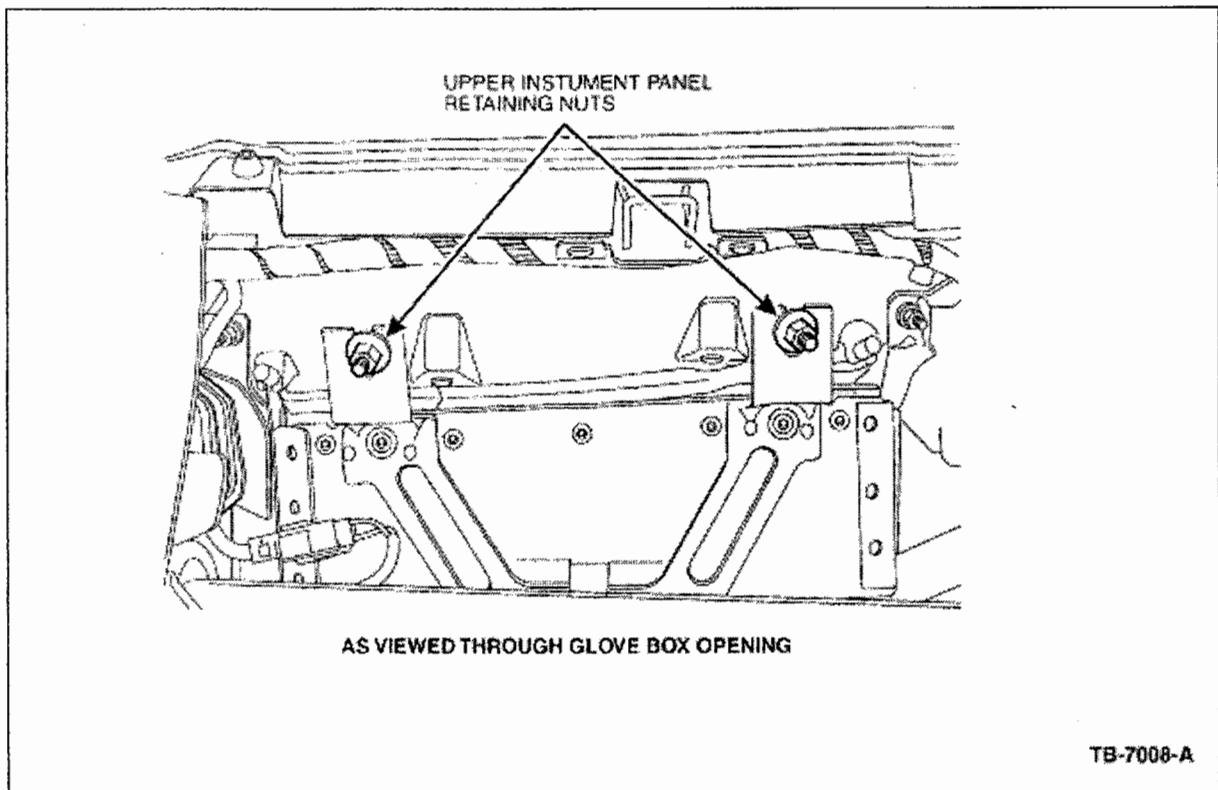


Figure 7 - Article 03-4-6

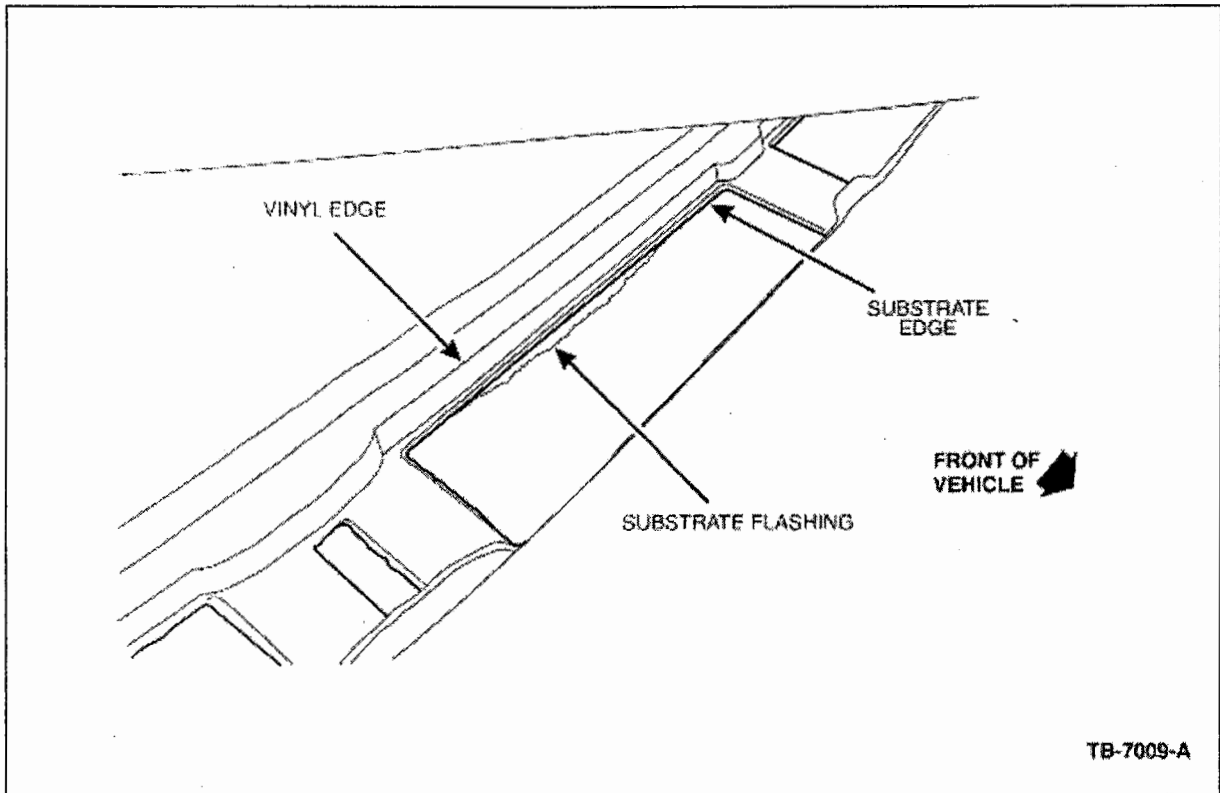


Figure 8 - Article 03-4-6

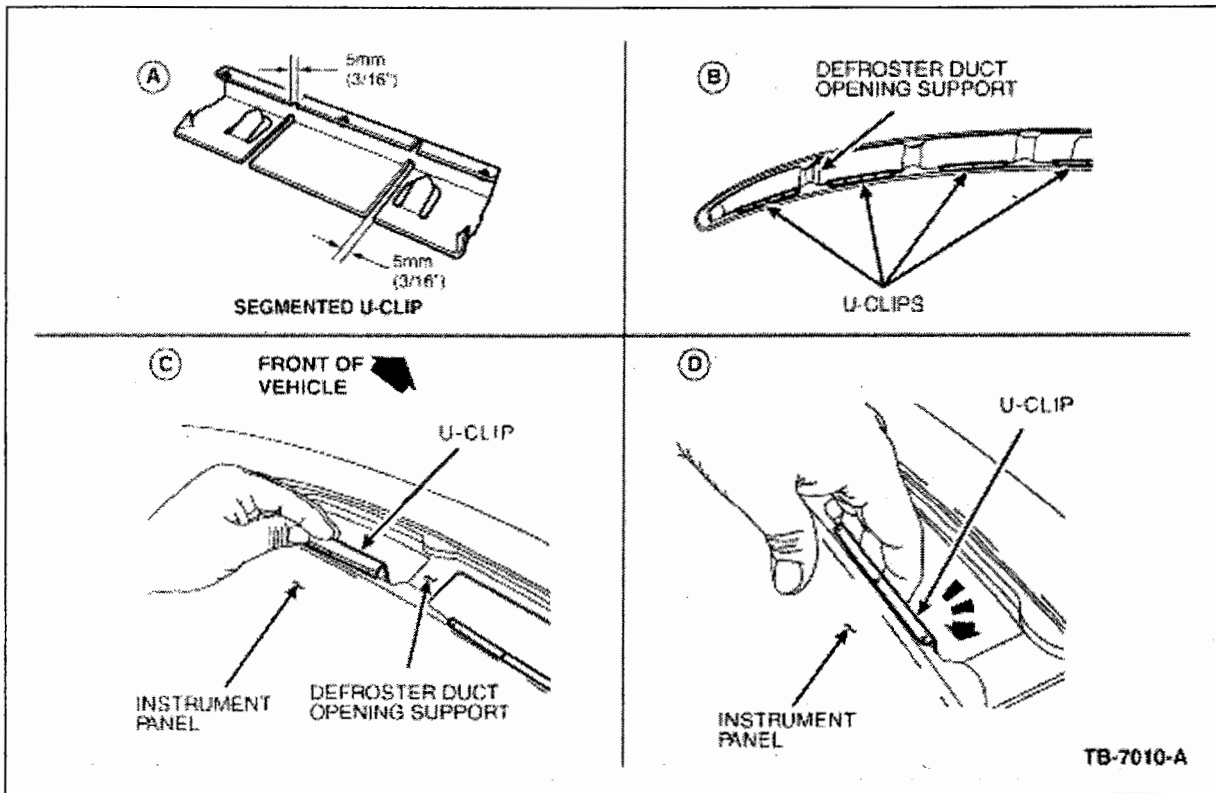


Figure 9 - Article 03-4-6

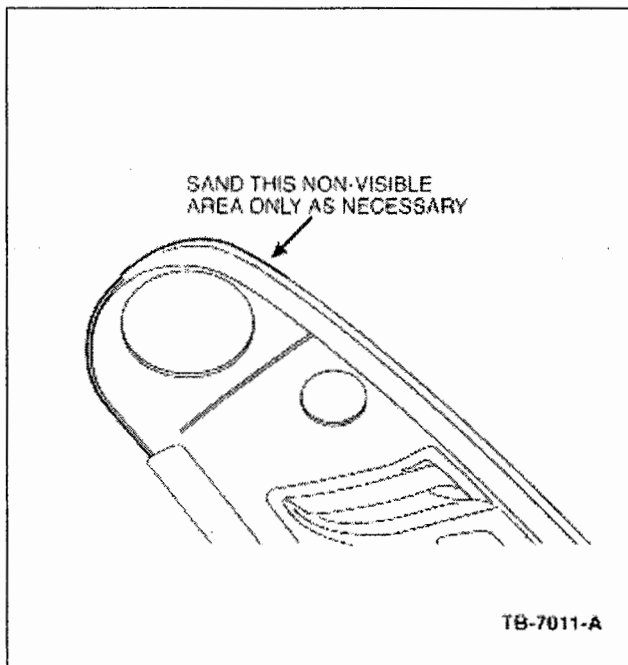


Figure 10 - Article 03-4-6

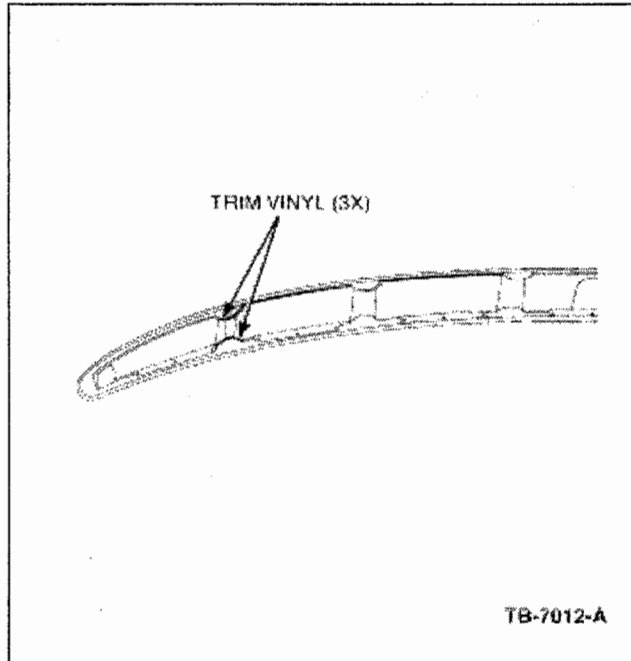


Figure 11 - Article 03-4-6

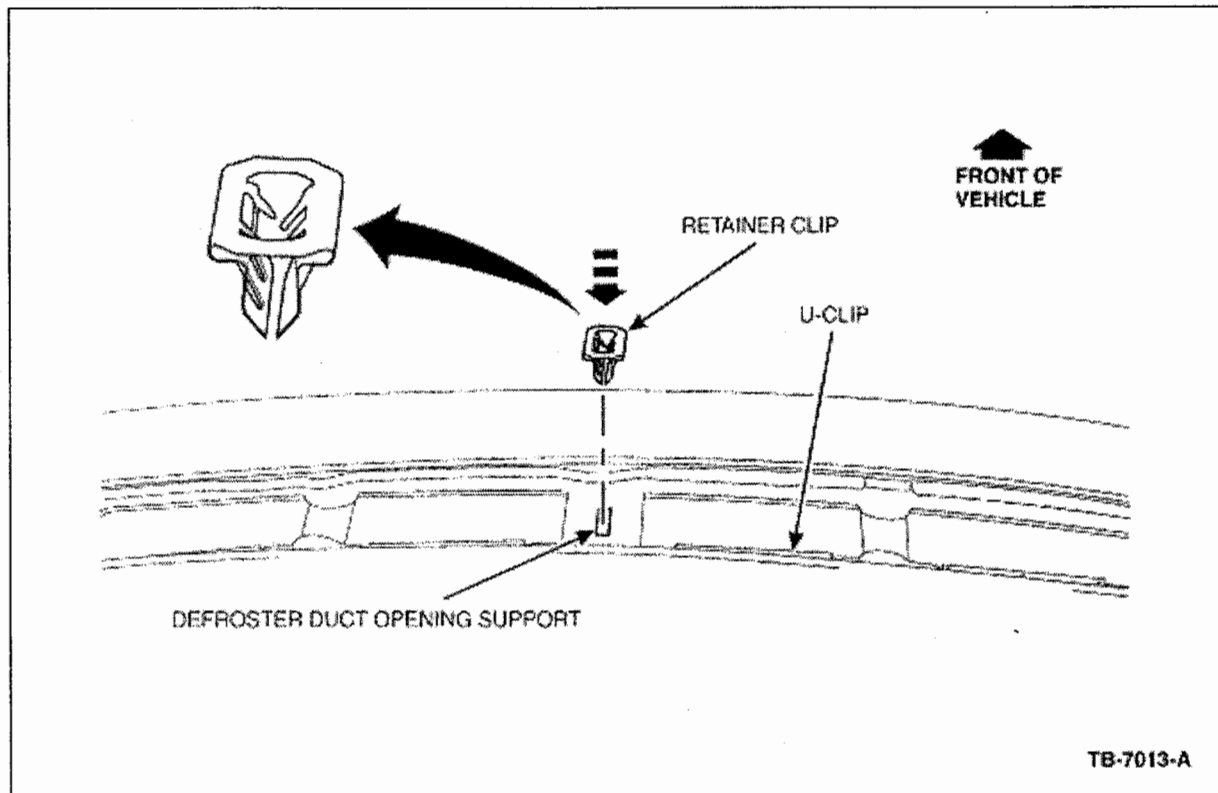


Figure 12 - Article 03-4-6

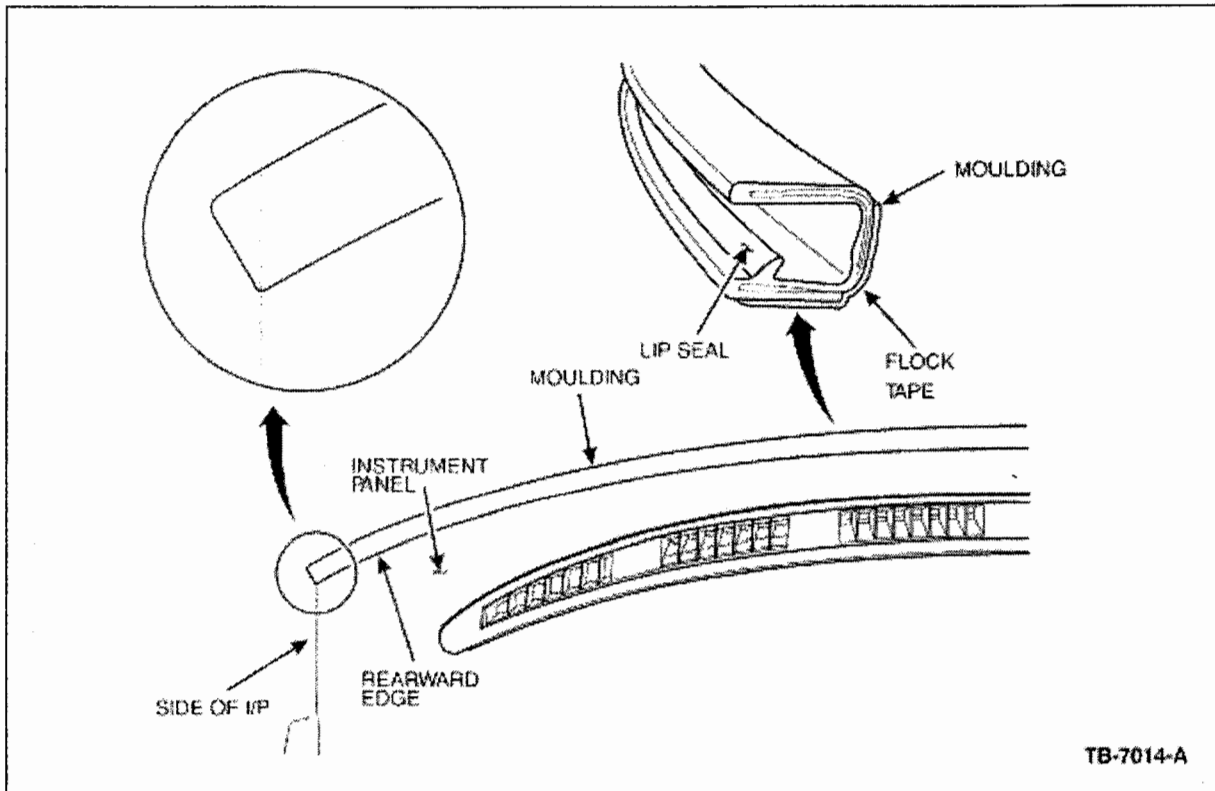


Figure 13 - Article 03-4-6

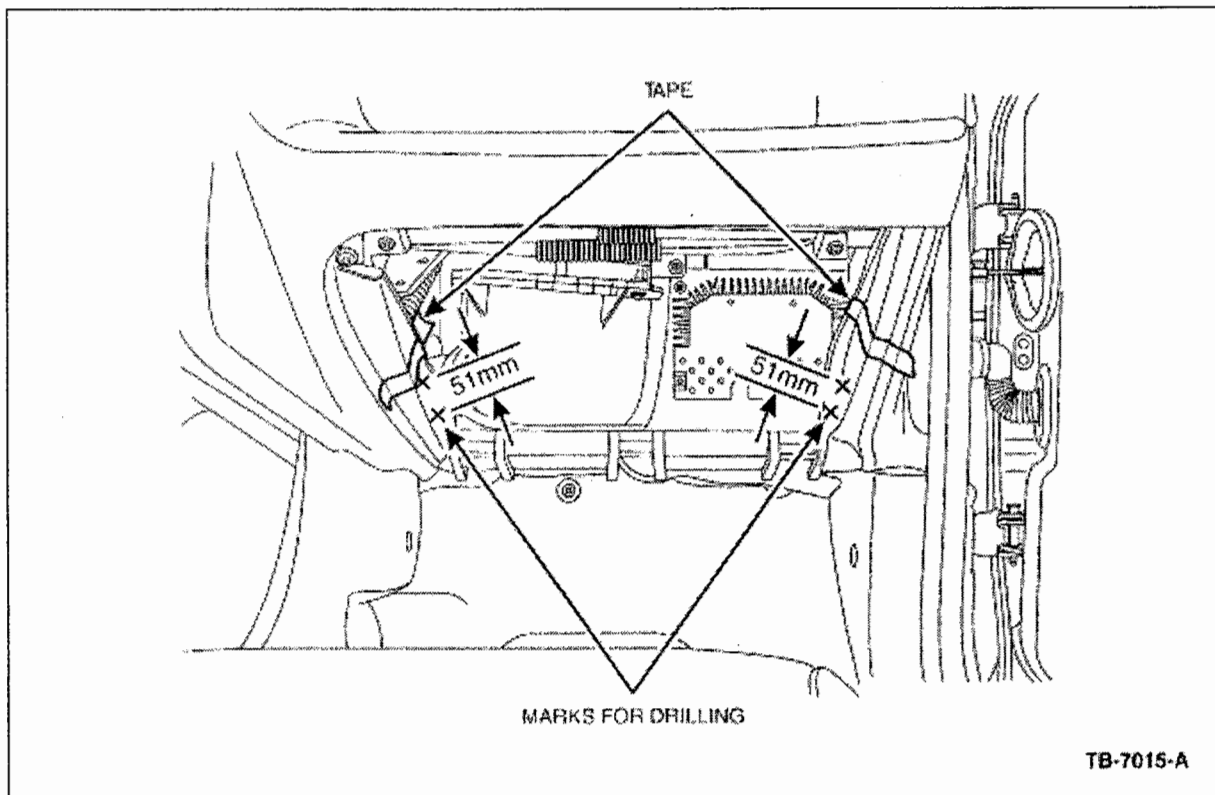


Figure 14 - Article 03-4-6

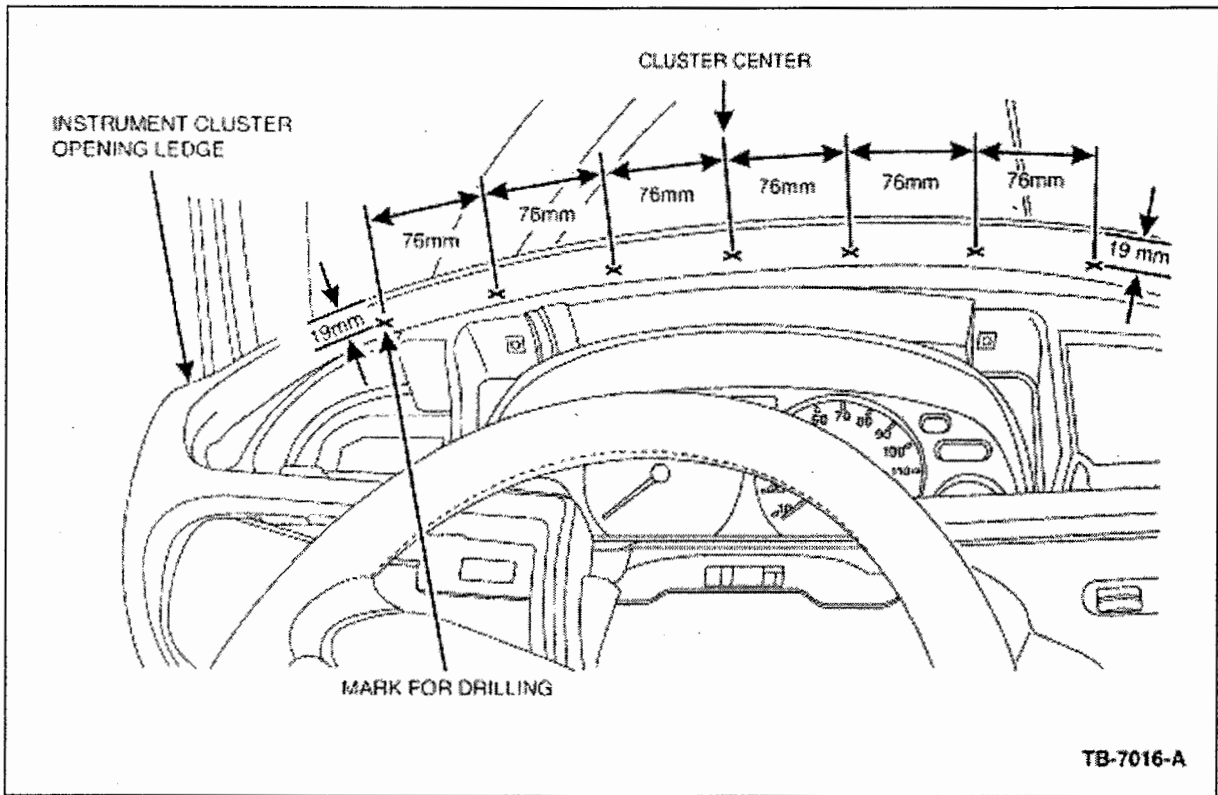


Figure 15 - Article 03-4-6

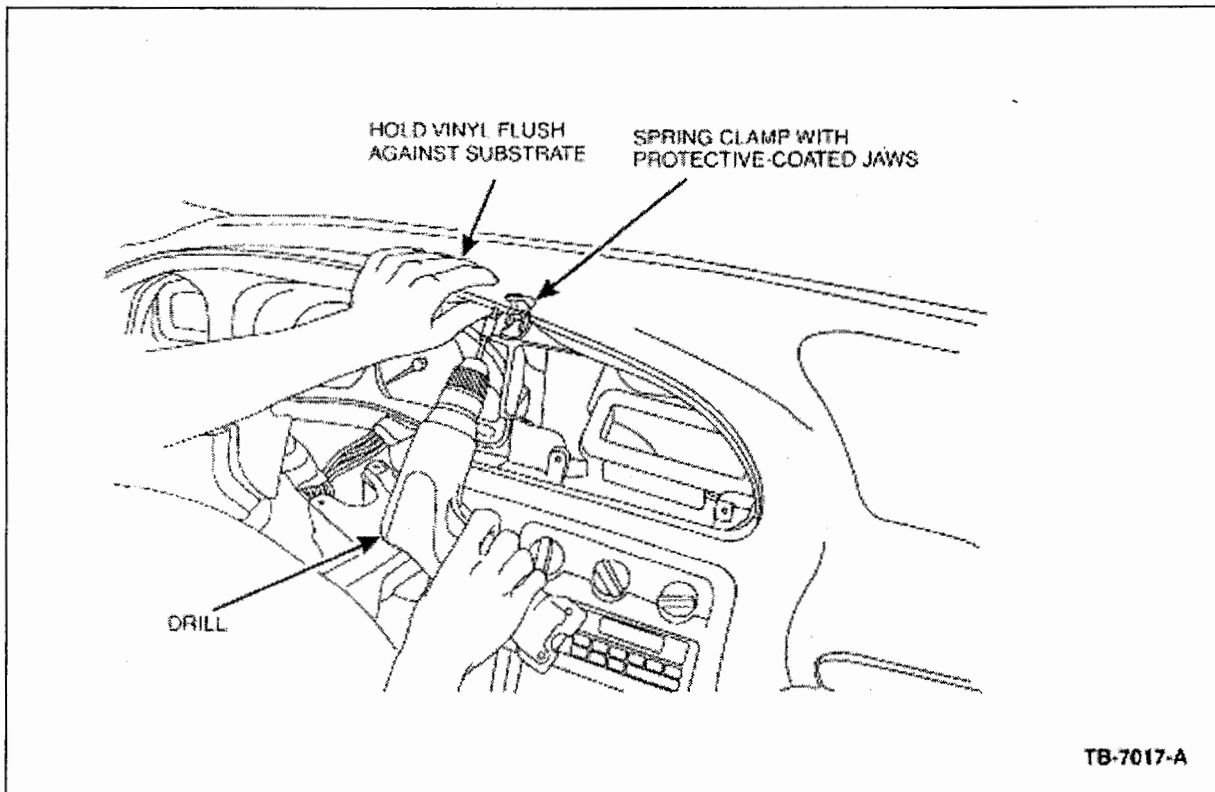


Figure 16 - Article 03-4-6

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

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