

BODY—WATERLEAK—COWL TO DASH WATERLEAK—WATER ACCUMULATION AND/OR LEAK AT THE DRIVER'S FLOOR PAN AREA	Article No. 02-17-4
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FORD: 2002 E SERIES

ISSUE

Some E-Series vehicles built between 12/01/2001 and 5/31/2002 may exhibit a water leak at the driver's side foot well. The leak may occur at the interface between the Cowl and the Dash Panel sheet metal.

ACTION

The leak may be verified by running water (sheeting the water) down the windshield and over the left side of the black plastic Cowl Top Vent Screen, around the hood hinge attachment point. If a water leak is identified, or if water accumulates at the driver's floor pan area, service the vehicle by performing the following procedure. Please read and understand all of the Service Procedure steps before you begin the procedure.

SERVICE PROCEDURE

Cowl to Dash Water Leak Repair Procedure

1. Remove the driver's side windshield wiper and arm as shown in the 2002 E-Series Workshop Manual, Section 501-16. Note the position of the wiper blade on the windshield glass for correct alignment during re-installation.
2. Remove six (6) Phillips head screws from driver's side Cowl Top Vent screen. Refer to the 2002 E-Series Workshop Manual, Section 501-2 for screw torque values.
3. Open the hood to release the tension on the cowl gasket seal. Loosen the cowl gasket seal from the Cowl Top Vent Screen on the driver's side, and remove the driver's side Cowl Top Vent Screen.
4. Obtain a standard 10 fluid oz. caulking applicator gun or equivalent applicator tool.
5. Obtain Ford part TA-2, Motorcraft Repair Urethane Adhesive, 10.3 Fluid Ounce tube. Puncture the seal at the threaded tip end of the adhesive tube. Cut the tip of the plastic extension nozzle to permit a bead of sealant to be extruded.
6. Apply sealant by placing the tube extension adapter as far down into cowl-to-dash panel seam opening as possible, and pump sealant in along the cowl-to-dash seam until this entire area has been filled (Figure 1). Once water descending from above this seam is diverted, the leak will cease.
7. Allow the sealant to set for 20 to 30 minutes, run water soak test by concentrating water flow in this same area. Repeat sealant application process if necessary.
8. Reinstall Cowl Top Vent Screen on the driver's side. Secure with six (6) screws previously removed. Refer to the 2002 Workshop Manual, Section 501-02 for screw torque values. Reinstall cowl gasket seal along front edge of Cowl Top Vent Screen where it meets the front edge of the cowl sheet metal.
9. After closing the hood, re-attach the driver's windshield wiper arm and blade to the shaft, being sure to align the blade in the same position as when it was removed. Refer to the 2002 E-Series Workshop Manual, Section 501-16 for windshield wiper arm removal and installation.

Article No. 02-17-4 Cont'd.

PART NUMBER	PART NAME
TA-2	Motorcraft Repair Urethane Adhesive

OTHER APPLICABLE ARTICLES: NONE

WARRANTY STATUS: INFORMATION ONLY

OASIS CODES: 102000, 110000, 111000

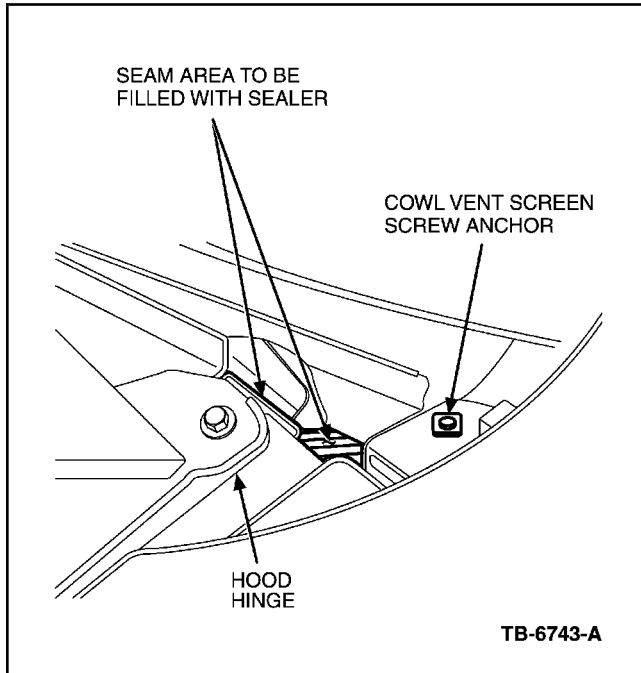


Figure 1 - Article 02-17-4

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.