 Printable View (316 KB)	
TSB 06-18-13	<ul style="list-style-type: none"> • ERRATIC FLUID LEVEL READING ON TRANSAXLE DIPSTICK - LEAKS - 4F50N, AX4N, AX4S
Publication Date: September 5, 2006	

FORD:	2000-2007 Taurus 2000-2003 Windstar 2004-2007 Freestar
MERCURY:	2000-2005 Sable 2004-2007 Monterey

This article supersedes TSB **05-14-5** to update the Service Procedure and vehicle model years.

ISSUE:

Some 2000-2007 Taurus, 2000-2005 Sable, 2000-2003 Windstar, and 2004-2007 Freestar/Monterey vehicles, equipped with a 4F50N, AX4N, or AX4S transaxle, may exhibit an erratic fluid level reading on the transaxle dipstick and possible leaks around the filler tube and grommet. The condition may be due to a restricted transaxle vent.

ACTION:

Repair the transaxle vent restriction by replacing the transaxle vent with a 90° vent stem, small hose clamp, two (2) tie raps, and 24" (61 cm) of 5/16" (8 mm) vacuum hose. The 5/16" (8 mm) vacuum hose will be routed from the 90° vent on the transaxle back to the cowl area, next to the brake master cylinder and tie rapped in place with the end of the hose facing down. Refer to the following Service Procedures.

NOTE: ON WINDSTAR, FREESTAR AND MONTEREY SEAL THE COWL PANEL GRILLE (COWL TOP VENT PANEL) AREA, SEE TSB 06-14-10.

NOTE: LEAKS MAY BE MISDIAGNOSED AS COMING FROM THE PAN GASKET. ALWAYS FOLLOW WORKSHOP MANUAL, SECTION 307-01 TO LOCATE THE SOURCE OF A LEAK, AND LEAK CHECK WITH BLACK LIGHT AND DYE.

SERVICE PROCEDURE

1. Disconnect the mass air flow (MAF) sensor electrical connector.
2. Disconnect the crankcase vent tube(s) from the air cleaner outlet pipe.
3. Loosen the clamp and disconnect the air cleaner outlet pipe from the throttle body.
4. Release the air cleaner housing clamp(s).
5. Separate the air cleaner cover from the air cleaner tray.
6. Windstar, Freestar and Monterey only: Remove cowl panel grille by following the procedure in TSB 06-14-10.
7. Disconnect the shift cable if located over the top of the vent.
8. Remove the vent, pull straight up on the vent with locking pliers, or carefully pry the vent from the transaxle case.
9. Install the replacement 90° vent stem.
 - Windstar, Freestar, Monterey, Taurus, and Sable with column shifter - Must face to the right rear of the vehicle with the flat edge of vent base parallel to the chain cover boss (Figure 1)
 - Taurus and Sable with floor shifter - Must face to the rear of the vehicle with the flat edge of vent base parallel to the chain cover boss (Figure 2)

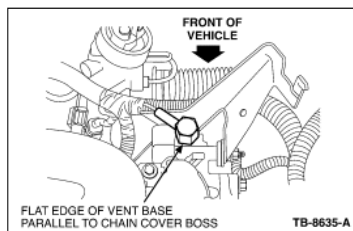


Figure 1 - Article 06-18-13

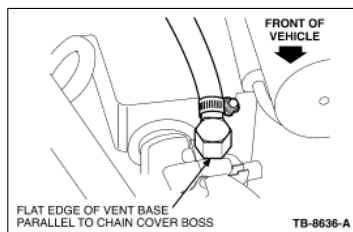


Figure 2 - Article 06-18-13

10. Install one end of a 24" (61 cm) long piece of 5/16" (8 mm) vacuum hose to the 90° vent stem and secure with a small hose clamp.
11. Route the vacuum hose back and up to the cowl area and down next to the brake master cylinder. Carefully tie rap the hose in place next to the brake master cylinder (do not tie rap to brake lines), be sure the end of the hose is facing down and not directly above anything hot.
 - Windstar, Freestar, and Monterey (Figure 3, 4, and 5)
 - Taurus and Sable with column shifter (Figure 6)
 - Taurus with floor shifter (Figure 7)

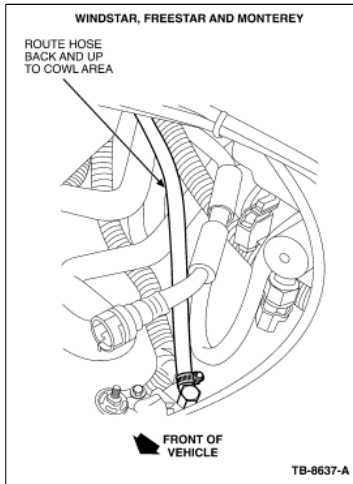


Figure 3 - Article 06-18-13

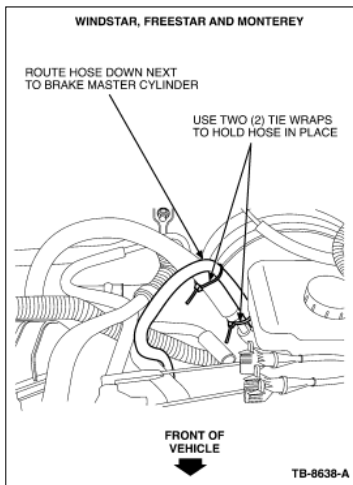


Figure 4 - Article 06-18-13

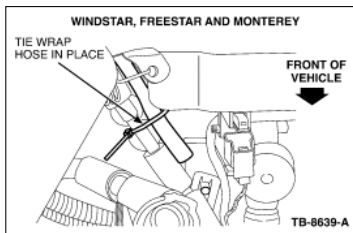


Figure 5 - Article 06-18-13

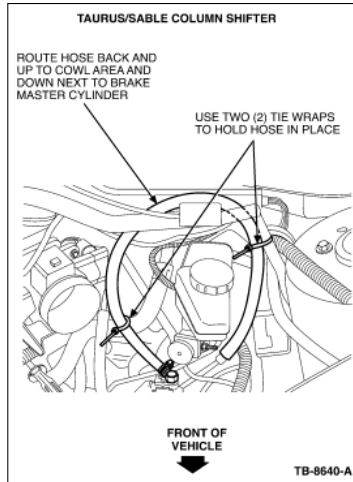


Figure 6 - Article 06-18-13

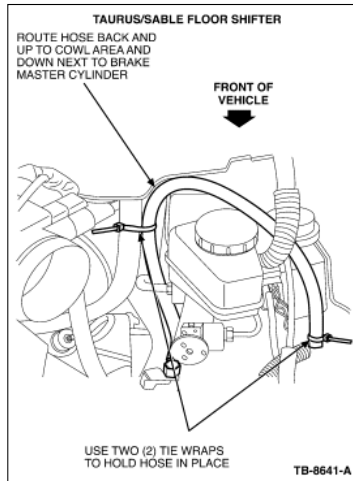


Figure 7 - Article 06-18-13

12. Connect the shift cable, if removed.
13. Install the air cleaner cover and outlet pipe.

NOTE: USE THE ALIGNMENT NOTCHES TO CORRECTLY ALIGN THE AIR CLEANER COVER TO THE AIR CLEANER TRAY.

14. Install the air cleaner housing clamp(s).
15. Connect the air cleaner outlet pipe to the throttle body and tighten to 35 lb-in (4 N-m).
16. Connect the crankcase vent tube to the air cleaner outlet pipe.
17. Connect the MAF sensor electrical connector.
18. Windstar, Freestar, and Monterey only, follow TSB 06-14-10 to seal and install the cowl panel grille.

PART NUMBER	PART NAME
1C3Z-7034-AA	Vent

OTHER APPLICABLE ARTICLES:

[06-14-10](#)

WARRANTY STATUS:

Eligible Under Provisions Of New Vehicle Limited Warranty Coverage

OPERATION	DESCRIPTION	TIME
061813A	2000-2007 Taurus, 2000-2005 Sable: Replace Transaxle Vent Following Service Procedure, Includes Time To Check And Fill Transmission Fluid (Do Not Use With 17526A, 17566A, 17508A, 17603A, 9600A, 9601A)	0.5 Hr.
061813B	2004-2007 Freestar/Monterey, 2000-2003 Windstar: Replace Transaxle Vent Following Service Procedure, Includes Time To Remove And Reseal The Cowl Panel Grille, Check And Fill Transmission Fluid (Do Not Use With 17526A, 17566A, 17508A, 17603A, 9600A, 9601A, 061410A)	1.3 Hrs.

DEALER CODING

BASIC PART NO.	CONDITION CODE
7L282	41

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