

**FORD:**

2011-2012 F-250, F-350, F-450

**ISSUE**

Some 2011-2012 F-Super Duty 250-450 pickup trucks equipped with a 6.7L diesel engine may exhibit a buzzing noise from under the hood while the engine is running and/or for up to thirty (30) seconds after the engine is shut off. This concern may be due to the wastegate control valve vacuum harness causing the wastegate control valve to resonate.

**ACTION**

Follow the Service Procedure Steps to correct the condition.

**SERVICE PROCEDURE**

1. Does the wastegate control valve emit a buzzing noise while the engine is running and/or for up to thirty (30) seconds after engine is shut off?
  - a. No - this article does not apply.
  - b. Yes - proceed to Step 2.
2. With the buzzing noise present, disconnect the vacuum hoses from the wastegate control valve. Does the buzzing noise stop?
  - a. No - this article does not apply. Refer to Powertrain Control/Emissions Diagnosis (PC/ED) manual for normal diagnostics.
  - b. Yes - proceed to Step 3.
3. Replace the wastegate control valve vacuum harness.
  - a. Remove the throttle body. Refer to Workshop Manual (WSM), Section 303-12.
  - b. Remove the air cleaner outlet pipe. Refer to WSM 303-12.
  - c. Remove three wire harness retainers and position aside engine wire harness. (Figures 1 and 2)

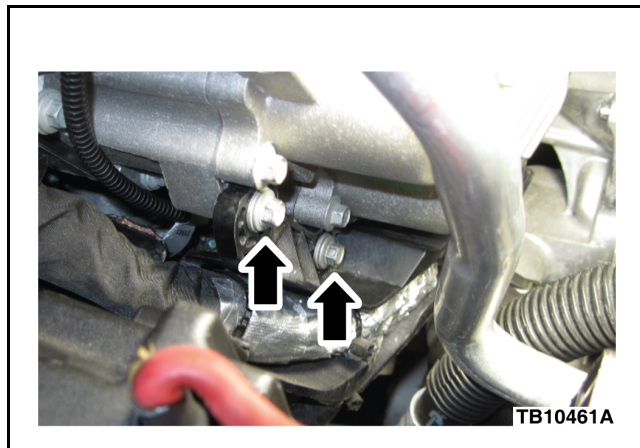


Figure 1 - Article 13-10-7

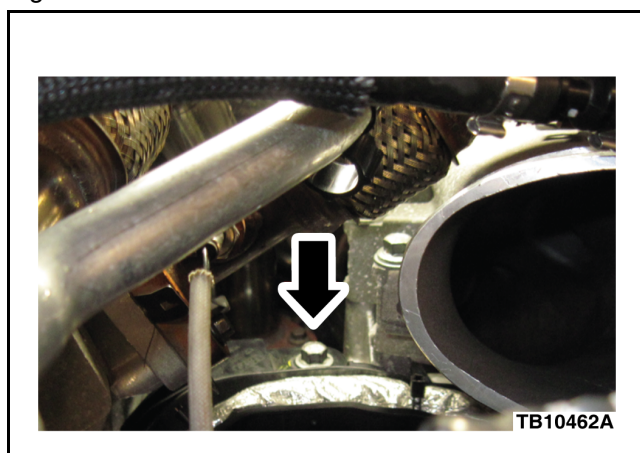


Figure 2 - Article 13-10-7

- d. Disconnect vacuum harness and remove.
- e. Reverse procedure for installation.

PART NUMBER	PART NAME
BC3Z-9D430-E	Vacuum Harness

**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 or Lincoln 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.

## TSB 13-10-7 (Continued)

**WARRANTY STATUS:** Eligible Under Provisions Of  
New Vehicle Limited  
Warranty Coverage  
Warranty/ESP coverage  
limits/policies/prior approvals  
are not altered by a TSB.  
Warranty/ESP coverage  
limits are determined by the  
identified causal part and  
verified using the OASIS  
part coverage tool.

OPERATION	DESCRIPTION	TIME
131007A	2011-2012 F-Super Duty 250-450 6.7L: Diagnose And Replace The Wastegate Control Valve Vacuum Harness (Do Not Use With Any Other Labor Operations)	1.1 Hrs.

DEALER CODING	CONDITION
BASIC PART NO. 9D430	CODE V3