

Technical Bulletin

PROCEDURE FOR 2008 F-250/F-550 6.4L DIESEL RADIATOR REPLACEMENT VENTURI TEE INSTALLATION KIT

8C3Z-8B379-B VENTURI TEE KIT IS REQUIRED TO INSTALL THIS RADIATOR

IF PURCHASE OF KIT IS NECESSARY, PLEASE SEE YOUR LOCAL DEALER. NORTHERN RADIATOR DOES NOT STOCK REPLACEMENT KITS.

KIT ~ 8C3Z-8B379-B		
Part Number	Description	Quantity
8C34-8566-BA	Venturi Tee	1
<u>W525884-</u> <u>S445</u>	#16 Constant Tension Clamps	2
5C34-8C491-AA	Rubber Cap and Clamp Assembly	1
95875-S	Tie Strap/Zip-Tie	1
SK 8C34-8A468-AB	Instruction Sheet	1

ISSUE:

Some 2008 F-250/F-550 Super-Duty vehicles equipped with a 6.4L Diesel engine may exhibit a Radiator coolant leak.

ACTION:

When diagnostics lead to replacement of the Radiator it is necessary to also install the newly released Venturi Tee Service kit. Use the instructions below and illustrations for approved service kit installation and cooling system diagnosis.

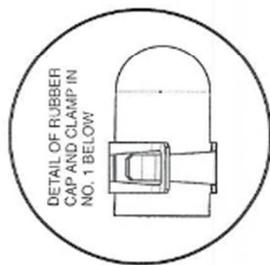
SERVICE PROCEDURE: (See page 3 for Figure 1)

1. Remove two (2) vent hoses at Degas Bottle (refer to Figure 1, item 1 and 2).
2. Locate the Exhaust Gas Recirculation (EGA) vent hose (refer to Figure 1, item 3).
3. First cut: Measure and cut hose 125mm from end that attaches to Degas Bottle hose. Include hose bend in measurement (refer to Figure 1, item 4).
4. Second cut: Measure and cut 20mm off opposite end of (EGR) vent hose (refer to Figure 1, item 5).
5. Install two (2) #16 Constant Tension Clamps (CTC) included in service kit on hose ends. Slide new clamps far enough up hoses so they won't interfere with Venturi Tee installation.

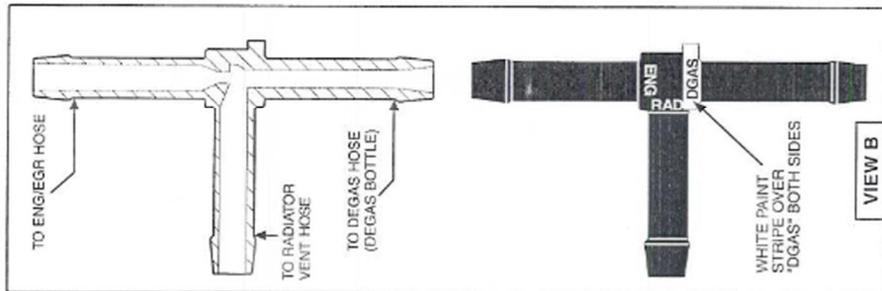
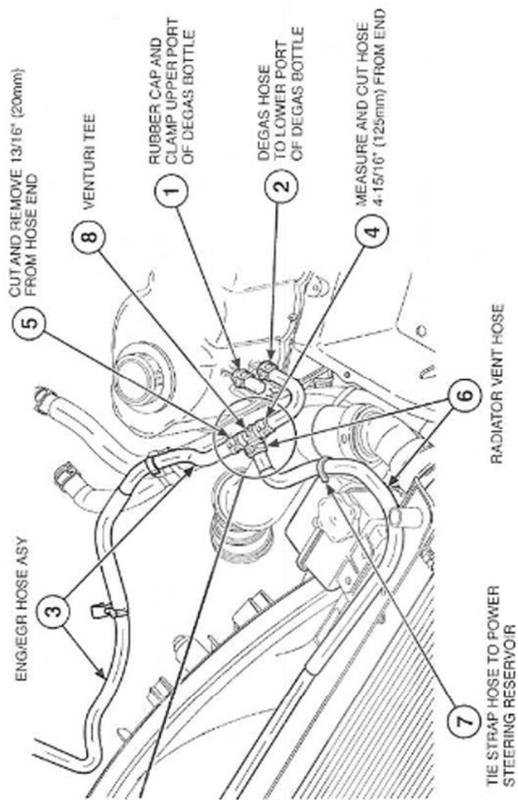
NOTE: Installed orientation of Venturi Tee is critical (refer to Figure 1).

6. Insert end of Venturi Tee labeled "ENG" (view B) into Exhaust Gas Recirculation (EGR) vent hose (refer to Figure 1, item 3 and 8).
7. Insert end of Venturi Tee labeled "DGAS" (White Stripe) (view B) into end of Degas hose (refer to Figure 1, item 8).
8. Insert end of Venturi Tee labeled "RAD" (view B) into end of Radiator Vent Hose (refer to Figure 1, item 6 and 8).
9. Install Venturi Tee in a slight upward position to prevent contact with Upper Radiator hose (refer to Figure 1, item 6).
10. Install completed Venturi Tee assembly hose onto lower Degas bottle port (refer to Figure 1, item 2).
11. Verify hoses are not kinked or bent to ensure maximum coolant flow.
12. Tie-strap radiator vent hose to hole in edge of power steering reservoir (refer to Figure 1, item 7).
13. Install rubber cap and clamp assembly (view A) on upper Degas bottle port (refer to Figure 1, item 1).
14. Ensure that all hoses are fully seated on Venturi Tee ports and all clamps are set / installed into position at hose joint connections.
15. Replace the radiator assembly.
16. Check the cooling system for leaks.

See page 3 for Figure 1



VIEW A



VIEW B

SK 8C34-8A468-AB

2008 F-250/F-550 6.4L DIESEL RADIATOR
REPLACEMENT VENTURI TEE

FIGURE 1