

6.4L DIESEL—WHITE SMOKE IN DAMP WEATHER CONDITIONS WHEN ACCELERATING

TSB 11-2-2

FORD:

2008-2010 F-Super Duty

This article supersedes TSB **8-25-1** to remove the production build date, update the vehicle model years and Part List.

ISSUE

Some 2008-2010 F-Super Duty 250-550 vehicles equipped with a 6.4L diesel engine may exhibit significant amounts of white smoke from the exhaust pipe while driving in high humidity or rainy conditions at temperatures above 4 °C (40 °F). This smoke only appears during a moderate to full throttle tip-in that is performed after a period of steady state driving.

ACTION

Follow the Service Procedure steps to correct the condition.

SERVICE PROCEDURE

This procedure only applies if the vehicle meets the following criteria:

- Concern is described as significant amounts of white smoke from the exhaust pipe.
- White smoke only occurs in high humidity or rainy conditions above 4 °C (40 °F).
- White smoke only appears during a moderate to heavy tip-in that is performed after a period of steady state driving (approximately 20 minutes)
- No diagnostic trouble codes (DTCs) are present.
- Concern is not a result of regeneration, a cleaning exhaust filter event.

If all of the criteria above is true, then replace the charge air cooler (CAC) assembly with a new revised part per Workshop Manual, Section 303-12.

Some white smoke may still be present under severe conditions even after the new level CAC has been installed. This is considered a design characteristic of the charge air system and no repair attempts should be made. This concern does not affect the life of the engine or exhaust components.

PART NUMBER	PART NAME
7C3Z-6K775-C	Charge Air Cooler Assembly

WARRANTY STATUS: Eligible Under Provisions Of New Vehicle Limited Warranty Coverage And Emissions Warranty Coverage
IMPORTANT: Warranty coverage limits/policies are not altered by a TSB. Warranty coverage limits are determined by the identified causal part.

OPERATION	DESCRIPTION	TIME
110202A	2008-2010 F-Super Duty 6.4L: Replace The Charge Air Cooler, Includes Time To Check For DTCs (Do Not Use With 6775A, 12650D)	0.7 Hr.

DEALER CODING

BASIC PART NO.
6K775

CONDITION
CODE
42

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. 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 supercede this information with updates. The most recent information is available through Ford Motor Company's on-line technical resources.