

**TECHNICAL SERVICE BULLETIN
RAFNA RAILGEAR**

**DIESEL EXHAUST SYSTEM MODIFICATIONS,
FORD 2008 ~ 2010, AND 2011 SUPER DUTY F-SERIES**

ISSUE DATE: August 3, 2010

TSB NUMBER: TSB173 rev A

HAZARD / URGENCY RATING

	DANGER - Physical harm is possible if TSB is not observed or followed
x	WARNING - Equipment damage is possible if TSB is not observed or followed
x	CAUTION - Essential issue affecting operation, service, parts or installation
	INFORMATIONAL - Advisory which may be of interest

APPLICABLE EQUIPMENT:

G&B Specialties R-290 Railgear installed on 2008 ~ 2010 Ford F250/F350/F450/F550, diesel engines.
G&B Specialties R-290 Railgear installed on 2011 Ford F250/F350/F450/F550, diesel engines.

SUMMARY:

The attached guideline from Ford, (***SUPER DUTY F-SERIES EXHAUST AFTERTREATMENT***), (***Form #BB0734-2007 and Q-187***), must be followed if any modifications are to be performed on the exhaust system.

IMPACT:

To insure that the Diesel Particulate Filter functions as it did before any modifications were performed to the exhaust system.

ACTION:

Any alterations to the exhaust system of 2008 ~ 2010, Ford Super Duty F-Series, must follow the guidelines of Ford Document **BBB0734-2007**.
Any alterations to the exhaust system of 2011, Ford Super Duty F-Series, must follow the guidelines of Ford Document **Q-187**.

**TECHNICAL SERVICE BULLETIN
RAFNA RAILGEAR**

**DIESEL EXHAUST SYSTEM MODIFICATIONS,
FORD 2008 ~ 2010, AND 2011 SUPER DUTY F-SERIES**

ISSUE DATE: August 3, 2010

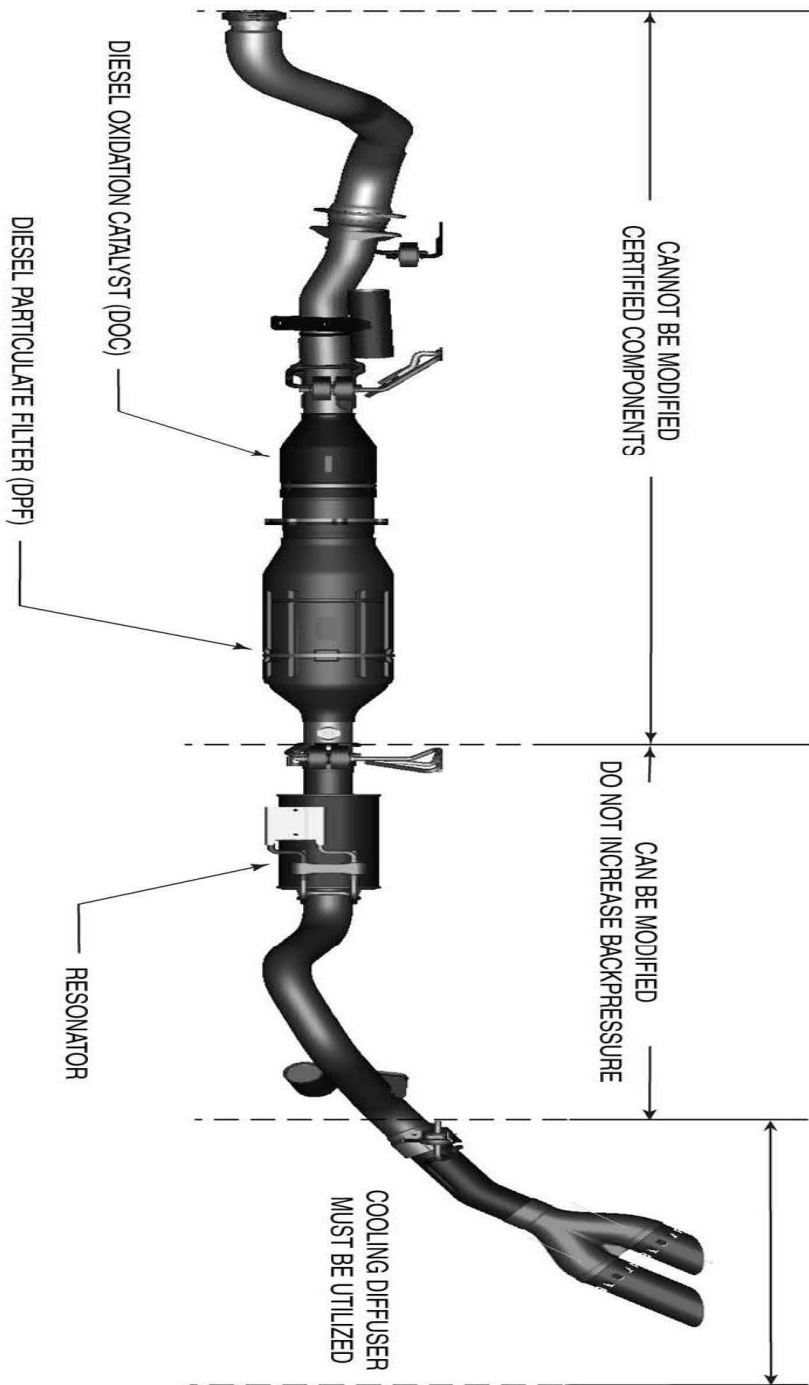
TSB NUMBER: TSB173 rev A

Page 145 SUPER DUTY F-SERIES

Return to INDEX

**SUPER DUTY F-SERIES
EXHAUST AFTERTREATMENT**

**2008
MODEL YEAR**



BB0734-2007

TECHNICAL SERVICE BULLETIN
RAFNA RAILGEAR

DIESEL EXHAUST SYSTEM MODIFICATIONS,
FORD 2008 ~ 2010, AND 2011 SUPER DUTY F-SERIES

ISSUE DATE: August 3, 2010

TSB NUMBER: TSB173 rev A



SVE BULLETIN

SPECIAL VEHICLE ENGINEERING – BODY BUILDERS ADVISORY SERVICE

E-Mail via website: www.fleet.ford.com/truckbbas (click "Contact Us")

Toll-free: (877) 840-4338

QVM Bulletin: Q-187

Date: June 01, 2010

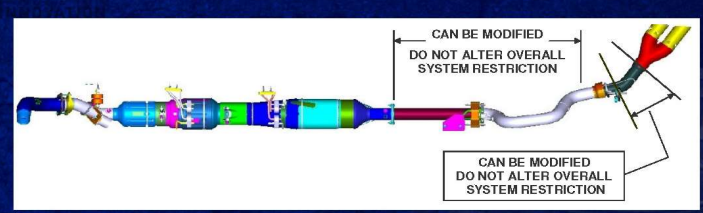
2011 MY F-Series Super Duty 6.7L Exhaust System Modifications

The requirement applies to:

2011 model year F-Series Super Duty Pickup (F-250/350) and Chassis Cab (F-350/450/550), with a 6.7L V8 diesel engine.

6.7L Diesel engine Exhaust Modifications

Modifications to the exhaust system to accommodate service body installation and other applications may be made as shown:



BUILT Ford TOUGH 2011 MY Diesel Exhaust

Diagram illustrating the 2011 MY Diesel Exhaust system. The diagram shows a dual tip diffuser at the end of the exhaust system. Two callouts indicate areas where modifications are allowed: "CAN BE MODIFIED DO NOT ALTER OVERALL SYSTEM RESTRICTION".

- Dual tip diffuser cannot be removed or altered
- Modifications must not change system restriction or alter the performance of the dual tip diffuser (see following performance assessment recommendations)
- Appropriate heat shielding must be utilized if required


TECHNICAL SERVICE BULLETIN
RAFNA RAILGEAR

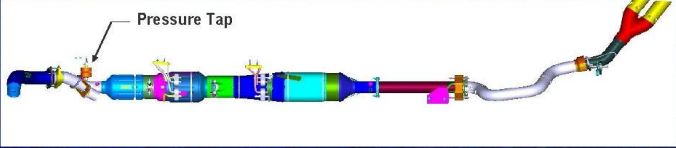
DIESEL EXHAUST SYSTEM MODIFICATIONS,
FORD 2008 ~ 2010, AND 2011 SUPER DUTY F-SERIES

ISSUE DATE: August 3, 2010

TSB NUMBER: TSB173 rev A

6.7L Diesel engine Exhaust Modifications continued

 **2011 MY Diesel Exhaust**



Pressure Tap

- Install a temporary pressure tap and suitable pressure measuring device upstream of the diesel oxidation catalyst.
- Load vehicle and trailer to GCWR and operate the unit at WOT on a suitable grade.
- Record peak pressure reading.
- Repeat test following the installation of the aftermarket hardware to confirm equivalent pressure reading.
- Modify aftermarket hardware as required to achieve equivalent pressure readings.
- Modifications must not change backpressure (increase or decrease)