



Service Bulletin

PRELIMINARY INFORMATION

Subject: 2014 Cadillac XTS 3.6(LF3) Twin Turbo Charger Restriction

Models: 2014 Cadillac XTS
Equipped with 3.6L LF3 Turbocharged engine
P/N: 12658828

The following diagnosis might be helpful if the vehicle exhibits the symptom(s) described in this PI.

Condition/Concern

As part of our ongoing quality improvement efforts the 2014 Cadillac XTS Equipped with 3.6L LF3 Turbocharged engine P/N 12658828 will be placed on a parts restriction through the Product Quality Center (PQC). This parts restriction will assist Engineering with product feedback.

Recommendation/Instructions

Note: Some customers, or dealers while performing PDI, may comment that a rattle condition may be noted during park/neutral while revving the engine; the condition may also be noted briefly during engine run up from a cold start condition. The described condition, the brief and random rattle does not present a risk to the performance, efficiency or durability of the engine system and should not warrant the replacement of components in an attempt to mitigate the concern.

When your diagnosis leads to a turbo charger replacement on a 2014 Cadillac XTS Equipped with 3.6L LF3 engine please, complete the diagnostic questionnaire before you contact the PQC at 1-866-654-7654.

Caller's Name/Position:

Parts Manager's Name:

Technician's Direct Phone:

Dealership's Fax Number:

Parts Fax Number:

Q1: Is the part being requested for customer pay?

Q2: Has the vehicle been modified with non-production accessories?

Q3: Is the vehicle for personal or commercial use?

Q4: What was the customer's concern?

Q5: Describe the condition you are experiencing:

Q6: Has the unit been disassembled?

Q7: What is the point of failure?

Q8: Record the GM part number and serial number of the turbo unit:

Content of Turbo ID Block for Already Sourced Programs 17-FEB-2013
Information highlighted below will be placed on the drawing

THE FOLLOWING INFORMATION SHALL BE PERMANENTLY MARKED INTO DEFINED LOCATION

LINE 1 GM Part Number
LINE 2 Type Approval Code, Supplier
LINE 3 Serial Number
LINE 4 Supplier part Number

Type Approval Code Decoding
Position 1 Type Approval Code Variance (Default "A")
Positions 2-3 Turbine Wheel Diameter in mm (last two digits)
Positions 4-5 Compressor Wheel Diameter in mm (last two digits)

Early production:
TD04L6-84H#120F1-8
12639781-BA
10927003
49695-82201

Regular production:
1 2 6 4 8 5 6 8
A 4 7 5 1 M H I G R O U P
1 5 0 9 0 1 4 0 0 0 1
4 9 6 9 3 - 8 0 7 0 1

Q9: Does the vehicle have any DTCs in the ECM/TCM/BCM?

Note: GDS must be launched from TIS to make sure all the data is captured and can be retrieved.

Q10: Leaks

- Any leaks?
- What type of leak?
- Where is the leak located?

Q11: Noise

- Any noise?
- What kind of noise?
- Where is it?
- How frequent is the noise?
- When does it occur?
- How long does it last?
- At what temperature does it occur?

Q12: Lubrication

- Oil pressure readings:
- Results of oil consumption test:
- Was the oil contaminated?
- What type of contamination?

Q13: Performance Concerns

- Low power?
- Misfire?
- Detonation?

- Blue smoke?
- White smoke?

Q14: Is this engine experiencing any other issues?

Please follow this diagnostic or repair process thoroughly and complete each step. If the condition exhibited is resolved without completing every step, the remaining steps do not need to be performed.

GM bulletins are intended for use by professional technicians, NOT a "do-it-yourselfer". They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do a job properly and safely. If a condition is described, DO NOT assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See your GM dealer for information on whether your vehicle may benefit from the information.



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