



Countries:	CANADA, UNITED STATES, MEXICO	Document ID:	IK1200077
Availability:	ISIS, Bus ISIS, FleetISIS	Revision:	4
Major System:	ENGINES	Created:	11/12/2006
Current Language:	English	Last Modified:	8/21/2013
Other Languages:	Français , Español ,	Author:	Mario Tafoya
Viewed:	10673		

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Coding Information

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Title: VT365 With Poor Performance- Low Power - Excessive Exhaust Backpressure

Applies To: 2004 - 2006 VT 365 Engines with VGT Turbocharger

Problem:

1. Low Power
2. No Power
3. Slow Acceleration
4. DTC (Diagnostic Trouble Code) 343
5. White Smoke

Description:

DTC 343 (Excessive Exhaust Back Pressure) occurs when the ECM detects EBP greater than 37.7 psi. This issue is usually caused by the following conditions:

1. Plugged or damaged exhaust system or catalyst/muffler
2. Vanes sticking in the turbocharger

Resolution:

1. Test the exhaust system using exhaust restriction test [11 of EGES-240 section 6](#) (Performance Diagnostics)
2. If the exhaust system has a high restriction 17 psi or greater - Repair the exhaust system as needed
3. If the exhaust system is not restricted, recondition the turbocharger as instructed below
4. Recondition the turbocharger. During this process, it is imperative the housing surfaces with moving parts be cleaned and completely free of corrosion or rust (This does **NOT** require a case file to be opened).

Parts:

Part Number: 1870713C91 (Turbocharger Reconditioning Kit)



1. 3M Abrasive Kit (Includes Disc Hold and Abrasive Pads)
2. Plastic Protective Covers & Plugs
3. Mounting Bolt Kit
4. Anti-Seize
5. O-Ring & Gasket
6. Housing Ring

Use the instructions included with the reconditioning kit - [Instructions Here \(PDF\)](#)

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