

Enginetech Inc
Tech Assistance 800-410-3664 ext. 340 or 237

TECHNICAL BULLETIN	
	November 1999 TB 1743
Mfg:	GM
Model:	ACHIEVA
Liter:	2.4L
V I N:	T
Year:	96-02

Excessive Oil Pressure On
1995-97 GM 2.3 & 2.4L VIN D & T Engines

The AERA Technical Committee offers the following information on excessive oil pressure on 1995-97 GM 2.3 & 2.4L VIN D & T engines. Customer complaints could consist of stalling on initial cold start-up, followed by hard restarting, oil leakage and malfunction of "service engine soon" light on.

Upon diagnosis of the problem, trouble codes could appear. Such trouble codes could be PO300, PO301, PO302, PO303 and PO304 which indicate engine misfire conditions. Oil pressure at operating temperature may exceed 120 PSI.

The relief valve piston may become stuck causing excessively high oil pressure readings. With the increased pressure, this may cause the hydraulic valve lifters to raise the valves up off of the valve seat creating a loss of compression and cause engine misfire or stalling on initial start up.

If the above conditions are noticeable, install an engine oil pressure gauge calibrated to read at least 150 PSI. Install the oil pressure gauge in the oil pressure port on the intake camshaft carrier and observe the oil pressure readings at 3,000 RPM. Oil pressure in extreme cold conditions should not exceed 100 PSI. With the engine oil at operating temperature, oil pressure should not exceed 85 psi at 3,000 RPM.

Replacement of the oil pump with an improved pressure relief valve bore if the above pressures are present. The improved pressure relieve valve bore oil pump can be purchased thru local GM dealers under Part #24576315.

The AERA Technical Committee

Portions of materials contained herein have been reprinted with permission of General Motors Corporation, Service Operations. This information is provided from the best available sources. However, AERA does not assume responsibility for data accuracy or consequences of its application. Members and others are not authorized to reproduce or distribute this material in any form, or issue it to their branches, divisions, or subsidiaries, etc. at a different location, without written permission.

© Copyright AERA 2006



Reference:	
-------------------	--

TECHNICAL BULLETIN		Mfg:	GM
	November 1999 TB 1743	Model:	ACHIEVA
		Liter:	2.4L
		V I N:	T
		Year:	96-02

Portions of materials contained herein have been reprinted with permission of General Motors Corporation, Service Operations. This information is provided from the best available sources. However, AERA does not assume responsibility for data accuracy or consequences of its application. Members and others are not authorized to reproduce or distribute this material in any form, or issue it to their branches, divisions, or subsidiaries, etc. at a different location, without written permission.

© Copyright AERA 2006



Reference:	
-------------------	--