

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

TECHNICAL BULLETIN	
	May 1998 TB 1569
Mfg:	GM
Model:	CORSICA
Liter:	3.1L
V I N:	M
Year:	93-99

Cylinder Head Bolt Torque Procedure On
1989-98 GM 3.1L Engines

AERA members have expressed some confusion on the correct cylinder head bolt torque procedures for 1989-98 GM 3.1L engines. It seems there have been various procedures listed in different service manuals. The procedure used depends upon the engines usage and which type of cylinder head is used.

This engine is used in both FWD and RWD applications. The head used depends somewhat on that information, but not entirely. FWD engines use an aluminum cylinder head and RWD engines use a cast iron cylinder head. There is however one exception, that being, all purpose vehicles (APV) are FWD but they use a cast iron cylinder head.

For simplification of which value to use, it is suggested to go by which head type is used, cast iron or aluminum. Refer to the information and torque sequence listed below for the different procedures.

Cast Iron Head

Apply thread sealant to all bolts
Torque bolts in sequence to 40 ft/lbs.
Rotate bolts in sequence 90°

Aluminum Head

Apply thread sealant to all bolts
Torque bolts in sequence to 33 ft/lbs.
Rotate bolts in sequence 90°

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

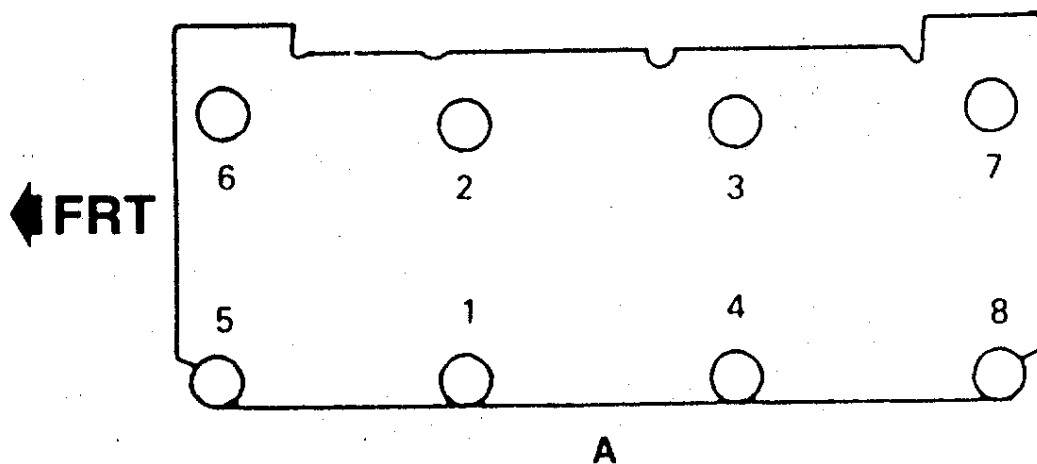


May 1998

TB 1569

Mfg: GM
Model: CORSICA
Liter: 3.1L
VIN: M
Year: 93-99

Bulletin Diagram: Untitled Graphic #2303 for TB 01569



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: