

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

TECHNICAL BULLETIN	
	October 2008 TB 1987R
Mfg:	GM
Model:	S10
Liter:	3.4L
V I N:	E
Year:	96-05

Revised Cylinder Head Torque Value On
1994-2002 3.1 & 3.4L Engines

The AERA Technical Committee offers the following information regarding a revised cylinder head torque value on 1994-2002 3.1 & 3.4L engines. Vehicles with the 3.1L engine will have the VIN Code of J while the 3.4L engine will have the VIN Code of E.

This bulletin is being revised to include a Notice advising that the cylinder head bolts are NOT to be re-used. It is also being revised to expand the year coverage of the affected engines.

Notice: This component uses torque-to-yield bolts. When servicing this component do not re-use the bolts. New torque-to-yield bolts must be installed. Re-using used torque-to-yield bolts will not provide proper bolt torque and clamp load. Failure to install NEW torque-to-yield bolts may lead to engine damage.

To correctly install the cylinder heads on these engines, GM offers the following information regarding cylinder head torque along with a torque sequence. Tighten the cylinder head bolt to 44 ft/lbs (60 Nm) in the sequence shown in Figure 1. Using a torque angle meter, turn the bolts an additional 95°. If this torque procedure is not followed, engine damage could occur.

Figure 1. Cylinder Head Torque Sequence

The AERA Technical Committee

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Reference:	
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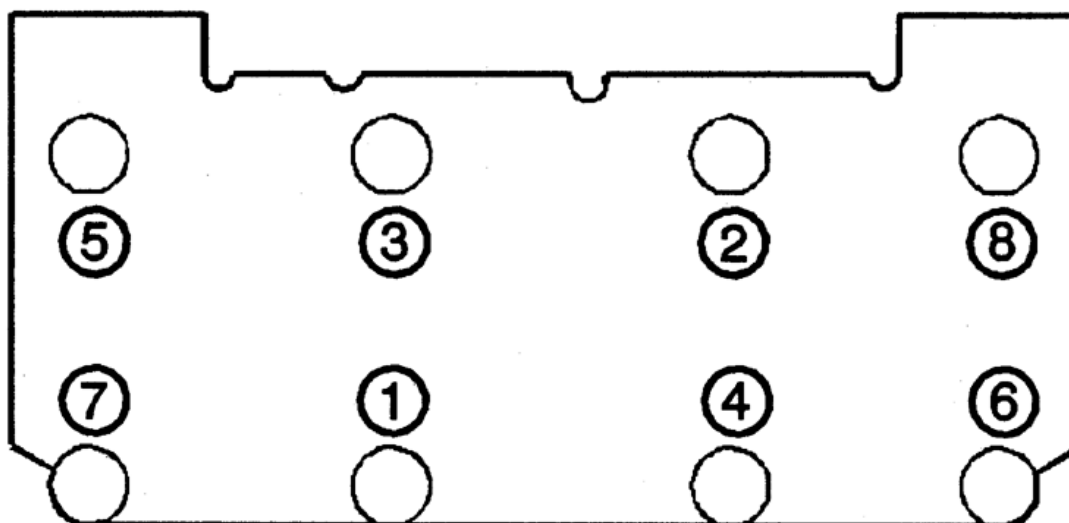
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Bulletin Diagram: Cylinder Head Bolt Torque Sequence - CYLINDER HEAD



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