

Enginetech Inc
For Technical Assistance Call:
1-800-410-3664 ext 340 or ext 237

TECHNICAL BULLETIN	
	November 2002 TB 2028
Mfg:	FORD
Model:	F-SERIES
Liter:	7.3L
V I N:	F
Year:	95-05

Replacement Piston Option For
Navistar 6.9 & 7.3L Engines

The AERA Technical Committee offers the following information regarding replacement piston option for Navistar 6.9 & 7.3L engines. These pistons are to be used when the cylinder block deck has been machined and the piston protrusion is out of spec.

During the rebuilding process of these engines, sometimes the block deck may need to be machined. When this is done, the piston protrusion is affected and is usually higher than what the OE specification calls for. Standard piston protrusion for these engines from the OE is listed in the table below.

Engine	Piston Protrusion
6.9L	.018-.031" (.457-.787 mm)
7.3L Naturally Aspirated	.010-.031" (.254-.787 mm)
7.3L Direct Injected	.010-.034" (.254-.863 mm)

One way of getting the piston protrusion within the OE specifications again is to use a piston that has been "topped" .010". AERA is currently aware of one aftermarket supplier that has pistons that have .010" removed off the top of the pistons. Pistons are available in STD, .020", .030" & .040" oversizes.

The AERA Technical Committee

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:	
-------------------	--