



# Test Monitoring Center

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ISB INFORMATION LETTER 06-1

Sequence No. 1

December 18, 2006

*ASTM consensus has not been obtained on this information letter. An appropriate ASTM ballot will be issued in order to achieve such consensus.*

TO: Cummins Mailing List

SUBJECT: 1. Vulkan Driveline Coupling  
2. Intake Air Tube Diameter

The Cummins Surveillance Panel approved the following changes to the ISB test procedure:

1. Vulkan Driveline Coupling – the use of the Vulkan driveline coupling has been added to Section 6.2.1 and the supply information for the coupling has been added as new Section A2.7.
2. The intake air tube diameter specified in Section 6.2.2 has been corrected from 3.5” to 4”.

The new and modified sections of the procedure are attached. The updated version of the test procedure, designated as “ISB Procedure Nov 28 2006”, is available in its entirety from the TMC web site ([www.astmtmc.cmu.edu/docs/diesel/cummins/procedure\\_and\\_ils/ISB](http://www.astmtmc.cmu.edu/docs/diesel/cummins/procedure_and_ils/ISB)) or by contacting the TMC for a hardcopy.

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Attachments

c: [ftp://astmtmc.cmu.edu/docs/diesel/cummins/procedure\\_and\\_ils/ISB/il06-1.pdf](http://astmtmc.cmu.edu/docs/diesel/cummins/procedure_and_ils/ISB/il06-1.pdf)

Distribution: Email

6.2.1 Engine Mounting — Install the engine so that it is upright and the crankshaft is horizontal. A Vulkan Driveline Coupling part number VKL3415 has shown to be sufficient for this application; it is available from the supplier listed in A2.7.

6.2.2 Intake Air System – The configuration is shown in Fig. A4.6. Use cobra elbow P/N 3037625, available from local Cummins dealers or the supplier listed in A2.2. Use 12” minimum length of straight 4” diameter tubing to connect to the cobra elbow. The air filter should be typical of filters used in diesel engine testing applications. Install the intake air tube (Fig A4.6) at the intake of the turbocharger compressor. Construct the system to minimize airflow restriction. Methods to control the intake air temperature and pressure are required.

A2.7 Vulkan Driveline Coupling p/n VKL3415 is available from:

American Vulkan USA

2525 Dundee Road

Winter Haven, FL 33484

Ph: 863-324-8637