



**No.: 12 TS-20**  
November 5, 2012

TO: Service Locations

FROM: Service Operations

SUBJECT: **Cylinder Head Gasket Failure/Liner Protrusion**

NOTE: This document supersedes 08 TS-2Rev.

## **ISSUE**

When diagnosing a cylinder head gasket failure, it is recommended that liner protrusion be measured at four locations per cylinder. Attached is a work sheet to guide you in measuring liner protrusion. If it is determined that liner protrusion is out of specification, it will be necessary for the cylinder block counter bores to be resurfaced. Refer to appropriate engine service manual for specifications on liner protrusion and instruction on how to cut liner bore. NOTE: DD13, DD15 and DD16 engines do not have tools or instructions released to cut liner counter bore at this time.

## **CONTACT INFORMATION**

Please contact the Detroit™ Customer Support Center at 800-445-1980 or email [csc@daimler.com](mailto:csc@daimler.com) if you have any questions.

### Liner Protrusion Measurement Worksheet

Dealer Name:	_____	Dealer Code:	_____
Dealer Phone #:	_____	Date:	_____
Technician Name:	_____	Service Manager Name:	_____
VIN #:	_____	Engine Serial #:	_____
Customer Name:	_____	Reference #:	_____
Vehicle #:	_____	Mileage:	_____

Cylinder #

