



# THE FASTENER ENGINEERING AND RESEARCH ASSOCIATION

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## FERA SEMINAR – WEDNESDAY 11 JULY 2007

National Metalforming Centre - 9.30am [Registration 9.00-9.30am]

The Fastener Engineering Research Association will be holding a seminar on topics that have relevance to Members and invited guests. On this occasion we shall focus on subjects that have interests within the membership and to bring to the attention of specifiers and designers, new progressive products and aspects of fastener technology.

### TRUCK WHEEL DETACHMENT

Ian Knight of Transport Research Laboratory will present the results of their recent study to identify the cause of lorry wheel detachment completed last year. They have now started a new contract to identify methods of preventing this problem, which will involve contacting companies with products that can do this. This is a fascinating phenomenon and **your** input will be greatly valued.

### ULTRASONICS FOR DETERMINING CLAMP LOAD

Frank Scheuch, General Manager of PFW Technologies, will describe their proprietary method of attaching ultrasonic transducers to bolts and studs, and the improved confidence this gives in determining installed clamp load. The transducers are ceramic and can therefore withstand elevated temperatures, and capable of being used to audit the residual clamp load at various intervals in the service life of the assembly.

### ROTABOLT PRODUCTS FOR BOLT TENSION CONTROL

Rotabolt products provide a straightforward method of ensuring clamp load control. Rod Corbett, the Managing Director of James Walker Rotabolt, will discuss their wide ranging applications and reliability of assuring the correct clamp load. See how it works at [www.rotabolt.co.uk](http://www.rotabolt.co.uk)

£££: **FERA/CBM members & members' guests £25+VAT**  
**Non members £50+VAT** to include free buffet lunch

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## FERA Seminar

**Date:** Wednesday 11 July 2007

**Time:** 9.30am – 1.00pm

**Venue:** National Metalforming Centre

**£££:** FERA/CBM Members & members' guests  
£25 + vat inc lunch

**Non members £50 + vat inc lunch**

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