



OutSTANDING InSEATING

[20th June 2006]

## M1 SEAT-BELT ANCHORAGE & VEHICLE TEST RIG

In 1999, the increasing necessity for witnessed anchorage-point testing, led Rescroft to commit fully to an in-house proving system. To achieve this, they made a significant investment in an M1, six-ram, hydraulic test-rig and an on-site test-house to accommodate the rig.

The facility has sufficient capacity to test vehicle-installed seating, row-by-row (up to five seats, simultaneously, per row) and was essential in the development of some of Rescroft's most successful products such as Embus (Rescroft's M1 floor track system), Defender III and Nevis.

Each ram is individually regulated by a proportional control valve and can accommodate test loadings of up to 30kN. The integrated computerised data acquisition system produces Time vs Load statistical output in graphical format.

The test rig is fully accredited by the UK Type Approval Authority (VCA) for the witnessed testing of seat belt anchorages, within vehicles, to the requirements of ECE regulation 14.05 and Community Directive 76/115/EEC (as last amended by 96/38/EC) and is subject to annual external calibration testing.

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On-site, VCA-witnessed, testing has significantly improved product research and development time-scales and, by integrating with their ISO9001:2000 quality system, has enhanced the safety and quality of Rescroft products by enabling Rescroft to perform random product sample testing.

At their discretion, Rescroft will undertake mutually beneficial commercial joint ventures

For details, contact Jason, John or Matt at Rescroft Technical on 01527 502660 (technical@rescroft.com).

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**Press Enquiries**

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