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Motorsports Engineering Conference
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2008 World Congress, Detroit, Michigan, April 14-17, 2008

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2008 World Congress, Detroit, Michigan, April 14-17, 2008

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2008 World Congress, Detroit, Michigan, April 14-17, 2008
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Commercial Vehicle Engineering Congress and Exhibition
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October 30-November 1, 2007
References to ANSA in SAE papers 2007-2008

SAE 2007-01-4199
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Commercial Vehicle Engineering Congress and Exhibition
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F S Dynamics, Gothenburg, Sweden

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Visteon
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