Brake disc runout and DTV (Disk Thickness Variation) are important measurements in understanding brake performance and wear. Disc runout and DTV can give valuable insights into how brakes are performing and can be used to diagnose faults and even design issues.

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Brake Disc Runout & DTV

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Six displacement probes connected to a Prosig P8012 are used to measure the disc at three radial positions on both the inside and outside of the disc. The disc is then rotated and two tachometer channels record the angular information.

Brake disc runout and DTV is then calculated using the DATS Toolbox software and automatically presented as a report in a Microsoft Word document.