

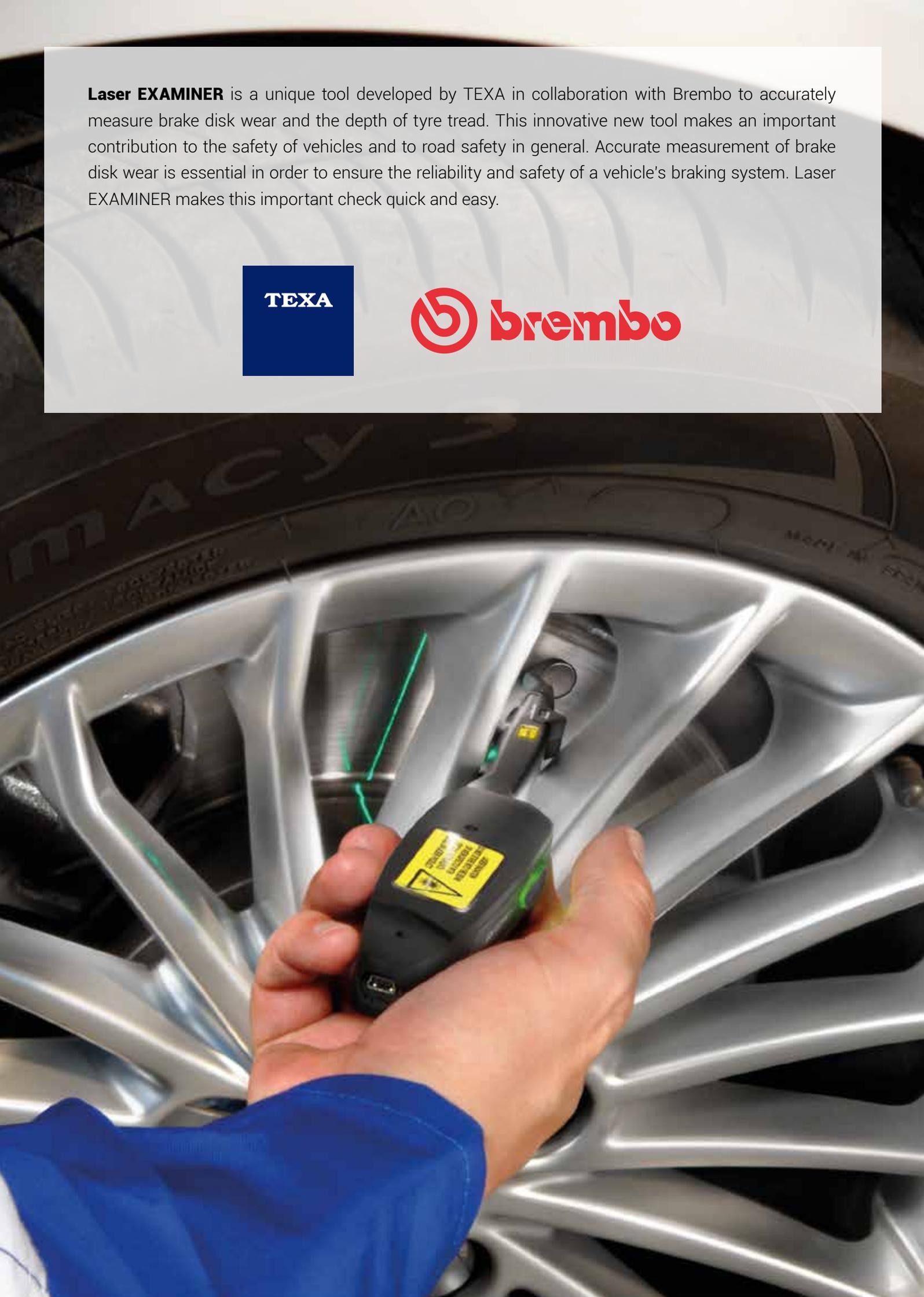


Laser EXAMINER



Laser EXAMINER is a unique tool developed by TEXA in collaboration with Brembo to accurately measure brake disk wear and the depth of tyre tread. This innovative new tool makes an important contribution to the safety of vehicles and to road safety in general. Accurate measurement of brake disk wear is essential in order to ensure the reliability and safety of a vehicle's braking system. Laser EXAMINER makes this important check quick and easy.

TEXA





Brake disc wear check

Laser EXAMINER is extremely easy to use. The tool fixes to the disk using a magnet incorporated in the probe and projects a laser beam transversally across the disk. The tool's own micro-camera then detects and measures any scores or ridges on the disk.

Laser EXAMINER processes measurements in real time, with a tolerance of only one tenth of a millimetre, and transmits the results via Bluetooth to a PC or a TEXA diagnostic tool which then uses dedicated software to compare the measurements with the wear limits specified by the manufacturer. Both numeric and visual comparisons are made to give the operator a clear overview of the state of disk wear.







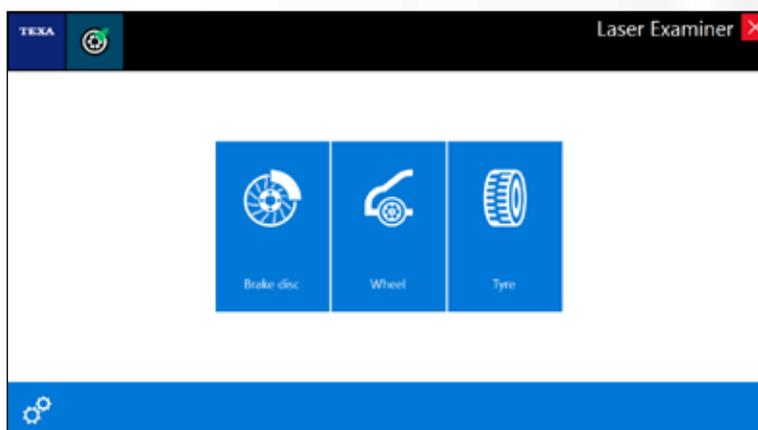
Tyre tread depth check

By fitting a special magnetic head, you can also use Laser EXAMINER to measure the depth of tread on the vehicle's tyres. Once positioned on the tyre, Laser EXAMINER projects a laser beam over the surface to provide an objective measurement of tread depth.

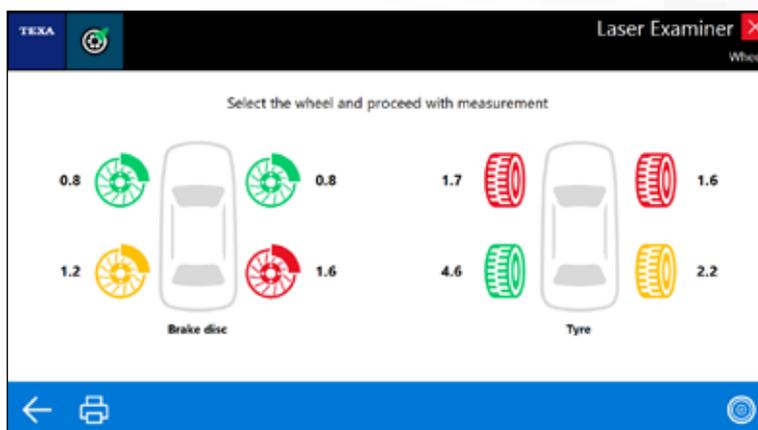


An easy software to precisely measure the brake disc wear and the tread depth of vehicles

Laser EXAMINER comes complete with dedicated software for checking both disk wear and tread wear. A simple and intuitive graphic interface lets you perform a complete, objective test of the "wheel system" and also print out a complete report for the vehicle's owner.



Starting screen for selecting the type of test.



Summary of disk and tread measurements.



Tread measurement results with wear highlighted graphically.



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Vehicle data	
PLATE	AA 000 AA
MAKE	FIAT
MODEL	PUNTO
DATE	27/04/2017

Brake disk

	FRONT LEFT 0.8 MM	
	FRONT RIGHT 0.8 MM	
	REAR LEFT 1.2 MM	
	REAR RIGHT 1.6 MM	

Tyre

	FRONT LEFT 1.7 MM	
	FRONT RIGHT 1.6 MM	
	REAR LEFT 4.6 MM	
	REAR RIGHT 2.2 MM	

A complete report can be printed out to give to the customer on completion of measurements.

TEXA

TEXA was established in Italy in 1992, and today is one of the world's leading names in the design and production of multibrand diagnostic and telediagnostic tools, exhaust gas analysers and air conditioning maintenance stations.

TEXA operates virtually all over the world through an extensive distribution network. In Spain, France, Great Britain, Germany, Brazil, the United States, Poland, Russia and Japan, TEXA markets its products directly through its own subsidiaries. TEXA employs some 600 people around the world, including over 100 engineers and specialists working in Research and Development.

TEXA has won many international awards over the years, including the Innovation Award at Automechanika in Frankfurt (2010 and 2014), the "Award of Awards" for the most innovative company in Italy, presented by the President of the Republic, Giorgio Napolitano (2011), the Irish Automotive Innovation Award (2014) and the Golden Key Award in Moscow (2014 and 2015). In 2015, MIT Technology Review classed TEXA as one of the ten most "disruptive" companies in Italy. Also in 2015, TEXA won the Frost & Sullivan "European Commercial Vehicle Diagnostics Customer Value Leadership".

All TEXA tools are designed, engineered and built in Italy, using modern automated production lines which guarantees maximum precision. TEXA focuses careful attention on product quality, and has obtained certification in accordance with the strict ISO TS 16949 requirements for suppliers of original equipment to the automotive industry.

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