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CAPA Announces New Standard for Automotive Sensors

Kentwood, Mich. – May 21, 2020 – The Certified Automotive Parts Association (CAPA), an independent non-profit standard-setting and certification organization for automotive crash parts, announces their new CAPA Standard 703 for automotive sensors. The standard is applicable to ultrasonic park distance control (PDC) sensors but may be expanded to include other types of sensors in the future. It contains requirements for function, performance, durability, ingress protection, electrical, mechanical, climate, electromagnetic compatibility (EMC), fit, dimensionality, appearance, and materials.

With the growing trend of Advanced Driver Assistance Systems (ADAS), more automobiles are incorporating sensors to assist with parking and low speed maneuvering. It is estimated that rear parking sensors will be present in nearly 40 percent of registered vehicles in 2021, growing to 95 percent over two decades.¹ Following feedback from the collision repair industry, CAPA created Standard 703, which includes demonstrated compliance to applicable sections of ISO 17386 and ISO 22840 (where applicable) for function and performance, as well as ADAS-related requirements not addressed by ISO standards. All CAPA certified sensors undergo extensive testing to demonstrate comparability to OEM service parts.

“CAPA’s goal is to provide the auto repair industry with a reliable, trusted means for identifying replacement parts comparable to parts from the original equipment manufacturer,” said Clark Plucinski, Chairman at CAPA. “As parking sensors become more prevalent in automobiles, the collision repair industry, insurers and consumers require peace of mind in having access to quality, safe, and affordable replacement sensors. We are thrilled to offer our new standard to fit this need.”

Manufacturers wishing for more information about the standard, or to have their products certified by CAPA, can contact Jillian Rahal at 616-656-7401 or jillian.rahal@intertek.com. Information can also be found at the CAPA website, www.CAPAcertified.org.

Source

1. Highway Loss Data Institute Bulletin. Volume 34, Number 28. September 2017. https://www.iihs.org/media/0a06d47a-84ba-44a0-b661-09f25e81d43d/q78xLA/HLDI%20Research/Bulletins/hldi_bulletin_34.28.pdf. Accessed 4/28/2020

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About CAPA

The Certified Automotive Parts Association, founded in 1987, is the nation’s only independent, non-profit certification organization for automotive crash parts whose sole purpose is to ensure that both consumers and the industry have the means to identify high-quality parts via the CAPA Quality Seal. CAPA is an ANSI-accredited standards developer for competitive crash repair parts. For more information see CAPAcertified.org.

Intertek, a leading Total Quality Assurance provider to industries worldwide, has served as CAPA's Validator since 1991. In 2018, Intertek became the exclusive licensee of the CAPA Program, operating the program globally, which includes managing daily program operations, administering the CAPA Certification and the CAPA Seal, and providing testing and inspection services. For more information see [Intertek.com](https://www.intertek.com).