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## **About Schrader**

Schrader, the aftermarket brand of Sensata Technologies, is the leading global manufacturer of tire pressure monitoring systems (TPMS) for automotive, delivering solutions that protect and perform. Schrader is a pioneer in TPMS, a vehicle safety feature that is now standard on all cars and light trucks sold in the U.S and Europe. Schrader's direct TPMS technology can be found in over 50 percent of global OEM vehicle platforms, with more than 1 billion Schrader sensors currently produced and installed.

## **About Sensata Technologies**

Sensata Technologies is one of the world's leading suppliers of sensing, electrical protection, control and power management solutions with operations and business centers in 13 countries. Sensata's products improve safety, efficiency and comfort for millions of people every day in automotive, appliance, aircraft, industrial, military, heavy vehicle, heating, air-conditioning, data, telecommunications, recreational vehicle and marine applications. For more information, please visit Sensata's website at [www.sensata.com](http://www.sensata.com).



## Timeline:

- 1844:** August Schrader enters business in lower Manhattan as a turner of brass parts.
- 1845:** Schrader supplies fittings and valves for rubber products made by Goodyear Brothers
- 1849:** Schraders produces copper diving helmets for underwater salvage operations.
- 1850:** Schrader devises an air pump for diving suits
- 1890:** August Schrader's son George Schrader enters the business and becomes responsible for the experimental work that results in the design of the tire valve.
- 1891:** Schrader produces the first valve for bicycles
- 1896:** Schrader patents the tire valve cap. Tire valves for automobiles are introduced
- 1905:** Schrader introduces gauge to measure tire pressure with accuracy
- 1951:** Schrader presses development of tubeless tire valves to meet needs of automotive industry
- 1956:** Schrader develops the tubeless tire valve, which eliminates the need for the inner tube on automobile tires.
- 1998:** Schrader introduces a variety of valve assemblies in other automotive systems (bleeder valves ideal speed control valves, inertial damping shock absorbers valves and compressor control valves.
- 1999:** Schrader equips the Renault Laguna with a Tire Pressure Monitoring System (TPMS) the first high-volume production car in the world to be launched with 100 percent TPMS.
- 2001:** Schrader is producing a high volume of tire pressure monitoring system with fully automated production lines from global facilities.
- 2002:** Schrader helps develop SAE standards for new CO2 automotive air conditioning systems and develops new innovation of valve designs
- 2009:** Schrader receives the Frost and Sullivan Awards for Innovations for its Snap-In TPMS sensor
- 2010:** Schrader spearheads and sponsors a public and industry TPMS communications effort to raise awareness about tire pressure monitoring systems and to stress the importance of proper tire pressure. Schrader launches EZ-sensor®, the automotive industry's first patented & programmable OE-replacement TPMS sensor.
- 2012:** Schrader Reaches TPMS Milestone with 200 Millionth Sensor Produced
- 2013:** Frost & Sullivan awards Schrader the 2013 North American Price Performance Value Leadership Award in Tire Pressure Monitoring Systems (TPMS) leadership for both OEM & Aftermarket channels



**2015:** Schrader Introduces the revolutionary single SKU EZ-sensor<sup>®</sup>, combining 314.9, 315 and 433 MHz into a single sensor. This made it possible for shops to service a majority of vehicles while stocking only 1 part number.