

Automotive Selective Catalytic Reduction (SCR) | Market Accelerates Growth Amid Stricter Emission Regulations | Says AMR

OREGON, DE, UNITED STATES, March 4, 2025 /EINPresswire.com/ -- [Selective catalytic reduction system Market](#) is used in a vehicle to reduce the emission of harmful components such as nitrogen oxide (NOx) and other components. It is an advanced active emission control technology, which injects a liquid-reductant agent into exhaust stream of a diesel engine through a special catalyst. This includes urea designed for automotive purpose as a chemical reactant, which converts nitrogen oxide into water, nitrogen, and minute amount of carbon dioxide (CO2). The entire reduction reaction is carried out in an oxidizing environment, which is beneficial to carry out the reaction process in an efficient way, thereby emitting water droplets and other gases from the exhaust outlet.

According to the report, the global automotive selective catalytic reduction (SCR) industry was estimated at \$6.05 billion in 2018, and is anticipated to hit \$15.05 billion by 2026, registering a CAGR of 12.0% from 2019 to 2026.

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Increase in demand for internal combustion engine-based vehicles has supplemented the [automotive selective catalytic reduction \(scr\) market growth](#). In addition, implementation of various emission control regulations made by governments across the globe has boosted the demand for selective catalytic reduction system to be installed in vehicles.

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Asia-Pacific to dominate the market, North America to grow significantly-

Based on geography, Asia-Pacific held the highest share in 2018, generating more than half of the global automotive selective catalytic reduction (SCR) market. The same region is also projected to portray the fastest CAGR of 15.1% by 2026. This is due to increased sale of passenger and commercial vehicles across the province. On the other hand, North America is anticipated to manifest the CAGR of 7.4% from 2019 to 2026.

Increase in automobile production [significantly contributes toward the growth of the global](#)

[market](#). Conversely, surge in production of electric vehicles and high cost of catalysts hamper the market growth. However, innovations in emission control catalysts and government initiatives for emission reduction in developing nations are expected to offer lucrative opportunities for automotive selective catalytic reduction market expansion.

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Key Findings of the Study:

Depending on component, the injector segment is expected to grow at a faster rate during the forecast period.

By fuel type, the diesel fuel type segment was the highest revenue contributor in 2018, and is expected to maintain the lead during the forecast period.

Region wise, Asia-Pacific contributed the highest market revenue in 2018, is anticipated to exhibit the highest CAGR during the forecast period, followed by Europe, LAMEA, and North America.

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