The Faurecia Adaptive Valve™ is an offset shaft, spring return butterfly valve located in the intermediate pipe of the exhaust system, specifically designed to address the NVH concerns caused by cylinder deactivation by presenting the gas flow with a variable restriction. Variable restriction ensures good, low-frequency control without impact to fuel economy or engine power. The Adaptive Valve™ reduced package space and innovative design reduces muffler weight and helps make each vehicles more fuel-efficient.

Faurecia Clean Mobility
Adaptive Valve™

Category: Module
Application: Chevrolet Silverado
Weight Saving: 12kg compared to baseline exhaust system
Methodology: Material Reduction