

Strategies for In-Cylinder Reductions to Reach Bin 2 and LEVIII

Air System Management to Reduce NOx and PM and Improve Fuel Economy

Poster Location P-03

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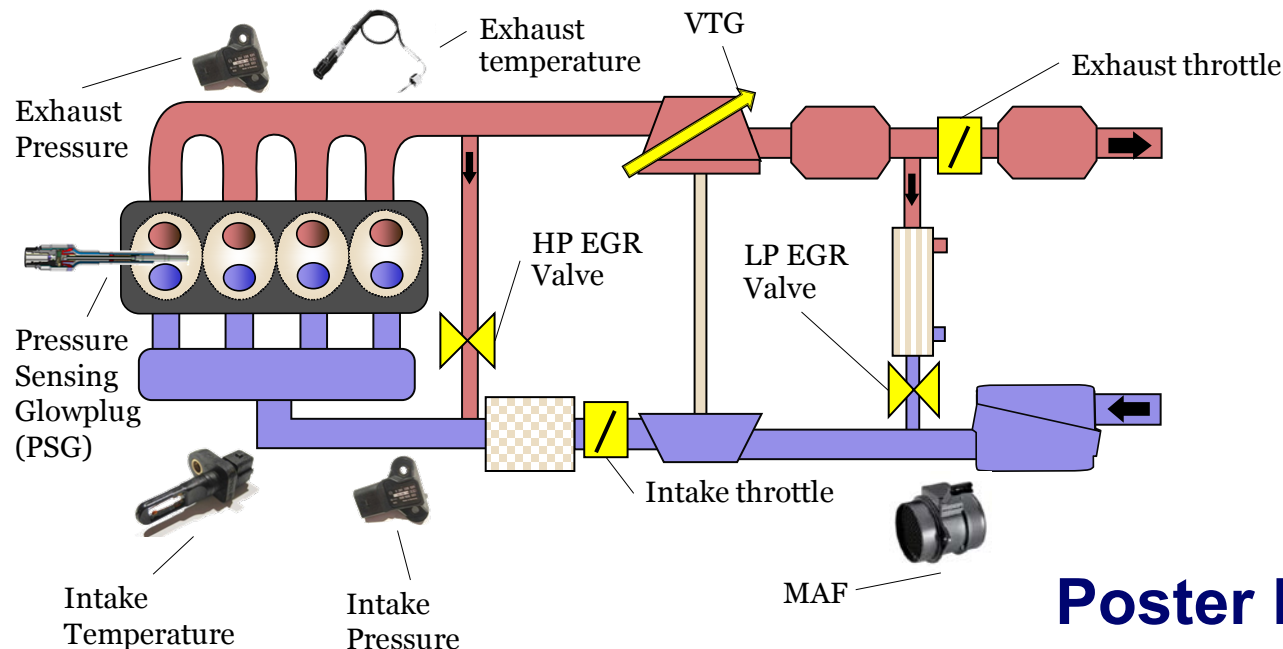
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In-Cylinder Emissions Reduction Project

- **Dual Loop EGR /VTG Boost System**
 - Baseline: 2.0L Bin 5 Production Diesel
- **Advanced Air Management Controls achieved:**
 - 2% reduction in fuel consumption on FTP
 - 5 % reduction in NOx, constant PM
 - Cylinder pressure feedback does job of 5 production sensors



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