

## Mechanical Bleeder / Decompression Device

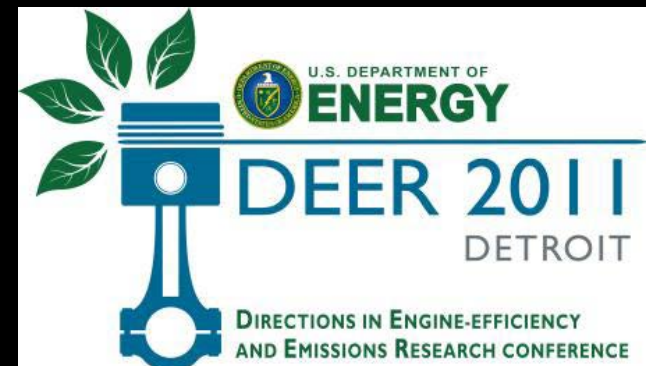


Combining engine retarding with decompression,  
in response to an industry shift towards start / stop  
operation

## Poster Location: P-05

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The continuous drive for improved fuel economy is causing many to consider **start/stop** capability

- Negative side-effects of this strategy
  - Accelerated starter & pinion wear.
  - Significant torque required from the starter motor
  - Significant energy required to make that torque
- A new solution is needed to solve these issues

- **Poster P-05** describes a braking/decompression system with simulation & test results, demonstrating:

- Vehicle retarding
- Reduced starter torque
- Improved cold start
- Reduced battery drain

Come see our poster & talk with JVS engineers to learn more

