

# ***Cleaning Up Diesel Engines: What Comes Next***

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# *ARB's Top Priority*

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- ☆ **Heavy rulemaking calendar**
- ☆ **Extensive related work**
  - retrofit verifications
  - peer review
  - Environmental Policy Council
  - data collection/analysis
  - policy integration



# *Progress Thus Far*

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- ✧ **New engine problem nearly solved**
- ✧ **Working on OBD, in-use compliance**
- ✧ **Low sulfur fuel rule adopted**
- ✧ **Existing engines barely touched**
- ✧ **Just getting started on 75% & 85% overall reduction goals**



# *Key Issues*

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## ☆ **Technology**

- options

- constraints

## ☆ **Economics**

- to OEMs, truck co's, suppliers

- to owners, end-users



# *Sorting Out Strategies*

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- ☆ **Effectiveness and durability**
- ☆ **Multi-pollutant control (PM & NOx)**
- ☆ **Multimedia impacts**
- ☆ **Cost-effectiveness**
- ☆ **Timing, rate, and total tons reduced**

