

Cummins Surveillance Panel
ISB (ASTM D7484)
ISM (ASTM D7468)
08/06/2025

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Agenda

- ISB Camshaft Rejection Criteria
- ISB New Turbo Speed Sensor
- ISM Kit Availability
- ISB ICF Review
- ISBV Target Review
- AOB

ISB Camshaft Rejection Criteria

- Camshaft Issues
 - 70 to 90% rejection rate
 - Around 800 of the 1000 camshafts that were projected to be produced for this batch were manufactured and shipped to TEI



ISB Camshaft Rejection Criteria

- 25% of the rejected cams have only one pit
- Another 25% of the cams will have one pit on the intake and one on the exhaust.
- If we allow one pit on exhaust lobe and one pit on intake lobe per cam we could save 50% of the rejected cams
 - Outlier Screening of metrology results
- Would result in around 300 usable cams from the batch (current rejection criteria will result in less than 88 cams available for testing)

ISB New Turbo Speed Sensor

- Speed Sensor P# Changed
- Intertek ran turbo during ISBV flushes with no operational issues

ISM Kit Availability

- Rocker Arms are currently unavailable
- Estimated lead time
- Other options

ISB ICF Review

- See separate presentation

ISBV Target Review

- See attached presentation

Concluding Remarks

