

# Sequence X Severity Task Force

Meeting Minutes

01/06/22

# Attendance

- Michael Deegan
- Rich Grundza
- Christian Porter
- Christine Eickstead
- Amol Savant
- George Szappanos
- Jason Soto
- Alfonso Lopez
- ~~Travis Kostan~~
- ~~Juan Vega~~
- Pat Lang
- Mike Lochte
- Charlie Leverette

# Agenda 01/06/22

- Lab visits on hold due to COVID – propose video survey
  - Quality video, Go Pro camera
  - Hit list of what to film in detail
- E-ballot including any new items
  - Counter flow
  - Remove J-tech meter option
- Build data
  - Short block
  - Head
- Flow rates of BB gas
  - Iron out PCV part number and any changes
  - Understand flow direction and flow rates in the diagram

# Meeting Minutes

- Due to COVID, the face-to-face meetings and lab visits have been put on hold. A video sharing concept was discussed. Labs are to film their stands with a good quality camera. Video uplinks or web ex sharing are a work in progress pre for our next meeting
- A list of specific stand locations for film review was proposed.
  - BB stack and plumbing
  - Engine mounting
  - Sensor locations
  - Intercooler plumbing

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- A request for build data was rolled out
  - A group review of short block and cylinder head measurements was requested.
  - Push back of this review was observed due to IP reasons.
  - The idea was tabled.
- Hardware consumption has made us suspicious that something may have changes. Internal investigations have been performed at the labs and no distinctive changes has been made other than the crank gear. There is no correlation to severity to the gear change.
- Lochte questioned the ball honing methods in the procedure. A bore honing with proper stones would be preferable. This was never implemented due to standard piston size. There are no oversized pistons available for this engine. Argument was made that the honing method has not changed and we were on target for years with the ball hone

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A review of the blowby gas circulation was done to better understand what our system is doing close to and at boost conditions

- M. Deegan confirmed that the PCV valve has not changed in print since 2012.
- The diagram and flow rates to the right are calculated values based on some assumptions of the PCV flow and the measure blowby.
- Labs are to measure the flow rates to the air cleaner and report at the next meeting.

Nominal flow in LPM thru PCV system

