

Sequence VIE/F Engine Rebuild Task Force
Call Agenda
June 9th @ 8:00 AM CST

Call-in number: (800)391-9177

Conference Code: 4875645502

Scope:

The ASTM Sequence VI Surveillance Panel requested a Task Force be formed to explore the possibility of extending the life of the Sequence VIE specially built General Motors (GM) 3.6 L (LY7) engine. New engines will be built from new GM assembled short blocks and other new and used individual components.

Objective:

The Task Force will:

- Review GM's proposal of building new VIE engines from new GM assembled short blocks and new GM individual components.
- Determine total quantity of engines needed.
- Determine parts availability and acquisition for new engine build. Coordinate with OHT and GM.
- Determine which used parts from used VIE engines will be needed for new engine builds.
- Determine availability of these used parts and develop inspection and selection criteria.
- Inspect and select used parts for use in new engine builds (each lab will be responsible for this task).
- Develop and implement a standardized build procedure (engine assembly manual).
- Determine stand availability for testing lab built engines.
- Develop a test plan to prove out lab built engines.
- Report results, conclusions and recommendations to Sequence VI SP.

The agenda for this meeting is shown below, if you have any additions please send them to me and Cc this distribution.

1.0 Roll Call

Do we have any membership changes or additions?

2.0 Approval of Minutes from meeting 3/24/2016.

ftp://ftp.astmtmc.cmu.edu/docs/gas/sequencevi/minutes/VIE_FEngine%20RebuildTaskForce20160324.pdf

Motion: Adrian Alfonso

Second: Dan Worcester

Unanimous

3.0 Action Item Review

3.1 CP Chem Result Discussion – ~~In progress - Completed~~, no matches found in the BL.

3.2 Confirm SwRI received the two KITs and Dan prepared copies of the draft build manual. ~~Completed~~

3.3 Remainder, Build Workshop will be 3/31/2016. ~~Completed~~

4.0 Old Business

- 4.1 Need to write up storage procedure for labs to follow (include cleaning procedure to remove RP).
- 4.2 Coordination of engine build workshop early 2016.
- 4.3 Review fixed phasors reuse, inspection procedure.
- 4.4 Should rework/repairs be allowed, follow up after rebuild workshop.

5.0 New Business

5.1 Engine Identification Number

- Tim confirmed the etched number is unique for every block.
- TMC confirmed the report field can be changed to include the entire number as the SN.

5.2 Engine build KIT is 95% complete. There is not define date for shipment yet.

Engine kits may be available for shipping by mid-July

There are concerns about hardware shortage based on the new expected engine life. The group would like to explore the possibility of approaching GM to ask for more short blocks. Scott will approach GM and ask if there is a possibility to acquire more short blocks

5.3 Engine Clean and Build Manual Progress.

In progress.

6.0 Review of action items.

- Scott will contact GM to ask if more short blocks can be purchased.

7.0 Schedule for next conference call.

6/16/16