

Sequence VIE/F Engine Rebuild Task Force

Call Agenda

April 27th @ 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 4/6/2017.

ftp://ftp.astmtmc.cmu.edu/docs/gas/sequencevi/minutes/VIE_FEngine%20RebuildTaskForce20170406.pdf

Adrian, Jason, Unanimous

3.0 Action Item Review

- 3.1 Labs to respond to TMC with estimated start dates of prove out matrix. - **Completed**
- 3.2 Timeline will be created and presented to this task force. - **In progress**
- ~~3.3 Submit all corrections for the build manual by 5 April 2017 - **Completed**~~
Motion presented to the SP on 4/26/2017 to use the Build Manual as is. Motion passed unanimously.
- 3.4 TMC will generate unique ID letters for labs to use for short block engine build IDs - **Completed**

4.0 Old Business

- 4.1 Review fixed phasors reuse, inspection procedure.

4.2 Should rework/repairs be allowed, follow up after rebuild workshop.

5.0 New Business

5.1 Update on Prove-out matrix and timeline to completion targets.

One lab is running test 2 of 5

One lab is running test 1 of 5

One lab will start test 1 of 5 ~~tomorrow~~ 4/27/2017

One lab expected to start late May-early June

Assuming no issues are encountered, data from the first 3 labs should be available by June 9th 2017

- Timeline is acceptable as shown above.

- Labs will send updates at completion of tests to include FEI 1 and 2, engine hours etc.

- TMC will gather the data and report on prove out matrix progress.

6.0 Review of action items.

- Labs will send updates at completion of tests

7.0 Schedule for next conference call.

TBD – June 15th