

Sequence VI Surveillance Panel
Conference Call
Date: August 01, 2007
Time: 10:00 CT
Approved 08/28/07

Agenda/Minutes:

1.) Roll Call – Members present are shown below, 12 voting members present.

2.) Approve minutes from last conference call

3.) Crankshaft Discussion

As you may remember from the last conference call I mentioned that AER had informed me that the Crankshaft used in the VIA/B engines was no longer available. I have been working with Ron Romano at Ford and we have come-up with the following options which I'd like to discuss and get approval for one to go forward with the build. These options are:

- 1.) ~~New Crankshaft modified to weight of old shaft (would require a third party to machine cranks? Taking for granted that nothing else on the crank has changed)~~
- 2.) ~~Machine new cranks to F6PE-6303-AA print, castings are still available, this would require a third party to machine cranks.~~
- 3.) ~~VG as-is if they meet the rebuild spec, this assumes we can get 50 used VG cranks from the industry prior to the build.~~
- 4.) ~~VG using 0.001 undersize bearings (also assumes we can get 50 used VG cranks from the industry and bearings are still available)~~
- 5.) ~~VG reconditioned (10-10)~~
- 6.) AER reconditioned cranks (AER says they have plenty of reconditioned F6PE-6303-AA/BB cranks, not sure if they are 10 or 20 under)

Motion:

Crankshafts for Next VI Build

Allow the use of AER reconditioned cranks, assuming they meet the clearance specification (measure journal and ID of connecting rods) from previous VI engine builds. Also surface finish shall meet Ford rebuild specification and do not exceed 10-10 on journals.

Motion made by Ron, seconded by Rich
Approve **11** Disapprove 0 Waive 1

4.) New Business

a.) EEE Fuel Usage

Action Item: Labs using EEE fuel should reply to the Email from Jim Carter forward by Charlie 08/01/07.

b.) Question from AER: Can we use thread repair (spark plug holes, valve cover holes etc) on the cylinder heads? Also what about weld repairing water port corrosion? **SP response:** *Thread repair okay but no weld repairs.*

Action Item: Ask AER to use heads that do not have camshaft bushings.
Email sent 08/01/07 by Charlie

Action Item: Ron to talk to their engineer concerning AER head rebuilds and get specifications.

Seq. VI SP Members List

Bowden, Dwight member	OH Technologies, Inc. P.O. Box 5039 Mentor, OH 44061-5039	Phone: 440-354-7007 Fax: 440-354-7080 dhbowden@ohtech.com	
Knight, Clayton member	Test Engineering, Inc. 12718 Cimarron Path San Antonio, TX 78249-3423	Phone: 210-690-1958 Fax: 690-1959 cknight@tei-net.com	
Clark, Sid member	General Motors Research & Development 30500 Mound Rd./MC 480-106-160 Warren, MI 48090-9055	Phone: 810-986-1929 Fax: 810-986-2094 sidney.l.clark@gm.com	Present
Tracy King member	Chrysler Corporation 800 Chrysler Dr. E. CIMS 482-00-13 Auburn Hills, MI 48326-2757	Phone:	
Andy Ritchie member	Infineum P.O. Box 735 1900 East Linden Ave. Linden, NJ 07036-0735	Phone: 908-474- Fax: 908-474-3637	
Ron Romano member	Ford Motor Company 21500 Oakwood Blvd POEE Bldg Rm DR 167 MD 44 Dearborn, MI 48121-2053	Phone: 313-845-4068 rromano@ford.com	Present
Lai, Patrick member	Imperial Oil Ltd. of Canada P.O. Box 3022 453 Christina Street South Sarnia, N7T T8T8,	Phone: 519-336-5611 Fax: 519-339-5866 patrick.k.lai@esso.com	Present
Leverett, Charlie member	PerkinElmer Automotive Research 5404 Bandera Road San Antonio, TX 78238	Phone: 210-647-9422 Fax: 210-523-4607 charlie.leverett@perkinelmer.com	Present
Grunza, Rich Member	ASTM TMC 6555 Penn Ave. Pittsburgh, PA 15206-4489	Phone: 412-365-1034 Fax: 412-365-1047 Dml@tmc.astm.cmri.cmu.edu	Present
Miranda, Timothy Member	BP Castrol Lubricants USA 1500 Valley Road Wayne, NJ 07470	Phone: 973-305-3334 Timothy.Miranda@bp.com	
Mosher, Mark member	ExxonMobil 600 Billingsport Road Paulsboro, NJ 08066	Phone: 856-224-2132 Fax: 856-224-3628 mark_r_mosher@exxonmobil.com	Present
Caudill, Timothy	Ashland, Inc. 21st and Front Streets Ashland, KY 41101	Phone: 606-329-5708 Fax: 606-329-3009 Tlcaudill@ashland.com	Present
Stubbs, Guy member	Southwest Research Institute (SwRI) 6220 Culebra Road San Antonio, TX 78228	Phone: 522-5913 Fax: gstubbs@swri.edu	Present
Szappanos, George member	Lubrizol 29400 Lakeland Blvd. Wickliffe, OH 44092	Phone: 440-347- Fax: 440-347-4096 George.Szappanos@lubrizol.com	Present
Glaenger, David member	Ethyl Research Center 500 Spring Street P.O. Box 2158 Richmond, VA 23218	Phone: 804-788-5214 Fax: 804-788-6358 Dave_Glaenger@ethyl.com	Present
Shaun Wakefield member	Shell	Phone: Shaun.Wakefield@shell.com	Present

Sutherland, Mark member	Chevron Oronite Company LLC 4502 Centerview Ste. 210 San Antonio, TX 78228	Phone: 731-5605 Fax: 731-5621 MSUT@chevrontexaco.com	Present
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Guests:

Dan Worcester – SwRI
Bill Busher - SwRI
