

---

**From:** Kaminski, Allan (A.) <[akamins1@ford.com](mailto:akamins1@ford.com)>  
**Sent:** 26 September 2023 07:51  
**To:** Brodbeck, Luke (L.) <[LBRODBEC@ford.com](mailto:LBRODBEC@ford.com)>; Moffat, John (J.) <[jmoffat@ford.com](mailto:jmoffat@ford.com)>  
**Cc:** McDonald, Harry (H.J.) <[hmc dona1@ford.com](mailto:hmc dona1@ford.com)>  
**Subject:** RE: Fox Classic - Balanceshaft Belt Drive - DV Test Results

Hi John,

Would you know what system the sign-off data and teardown reports would be stored in please?

Thanks  
Allan

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**Cc:** McDonald, Harry (H.J.) <[hmc dona1@ford.com](mailto:hmc dona1@ford.com)>; Hindley, Richard (R.J.) <[rhindley@ford.com](mailto:rhindley@ford.com)>  
**Subject:** Fox Classic - Balanceshaft Belt Drive - DV Test Results

Allan,  
Do you have an evidence folder with DV results for Fox Classic balanceshaft belt drive?

**Luke Brodbeck**  
Cam Drive/VCT - Subject Matter Expert

**Ford Motor Company**  
ICE Propulsion Engineering  
Email: [lbrodbec@ford.com](mailto:lbrodbec@ford.com)  


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**Sent:** 10/20/2023 12:06:56 PM  
**To:** Brodbeck, Luke (L.) [lbrodbe@ford.com]; Maile, Kevin (K.) [kmaile@ford.com]  
**CC:** McDonald, Harry (H.J.) [hmcdona1@ford.com]; Kaminski, Allan (A.) [akamins1@ford.com]; Raines, Chris (C.) [craines4@ford.com]  
**Subject:** RE: Fox Classic - Balanceshaft Belt Drive - DV Test Results  
**Attachments:** XG\_6375\_00335746.pdf

## John Moffat

Fox Engine Systems and Program Office Supervisor

Mail drop: GB-15/3A-Q06

Address: Dunton Technical Centre, Laindon, Basildon, Essex, SS15 6EE

Fordnet: 8738 2990

Ford Motor Company Limited. Registered in England: No.235446,

**From:** Moffat, John (J.)  
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**Cc:** McDonald, Harry (H.J.) <hmcdona1@ford.com>; Kaminski, Allan (A.) <akamins1@ford.com>; Raines, Chris (C.) <craines4@ford.com>  
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**Luke Brodbeck**

Cam Drive/VCT - Subject Matter Expert

**Ford Motor Company**

ICE Propulsion Engineering

Email: [Lbrodbec@ford.com](mailto:Lbrodbec@ford.com)





**Teardown Technician's Notes:**

**Message:**

Please click on the link to review the Teardown Report.



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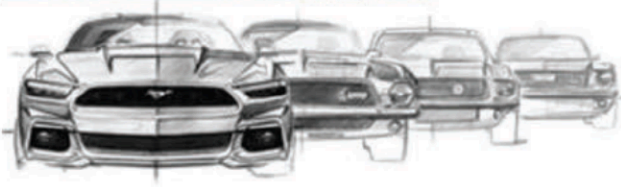
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**From:** Clark, Robert (R.) [RCLAR307@ford.com]  
**Sent:** 10/10/2018 7:11:39 PM  
**To:** Steslicki, Michael (M.E.) [msteslic@ford.com]  
**Subject:** FW: PLS-Teardown Report for Serial-F1FG-6L084-DA-101017410872AA Test-SPECIAL TEST VEH (TBD09)

Sorry forgot to put you on this one

**Rob Clark**  
*Ford Motor Company*

Engine Systems Engineer  
1.0L Fox Classic/ Upgrade / 1.5L/1.6L Sigma / 1.5L Dragon  
Cell: 313-378-2822



---

**From:** Clark, Robert (R.)  
**Sent:** Wednesday, October 10, 2018 3:10 PM  
**To:** Dixon, Mark (M.R.) <mdixon@ford.com>; Dinisor, Marius-Catalin (C.) <cdinisor@ford.com>; Carder, Andre (A.) <acarder@ford.com>; Sasi reka, K (K.) <ksasirek@ford.com>; Holdsworth, Richard (R.) <rholdsw1@ford.com>; Etheridge, Paul (P.) <petheri2@ford.com>; Moffat, John (J.) <jmoffat@ford.com>  
**Cc:** Sanaski, Adam (A.) <asanaski@ford.com>  
**Subject:** RE: PLS-Teardown Report for Serial-F1FG-6L084-DA-101017410872AA Test-SPECIAL TEST VEH (TBD09)

1FADP3FE4J [REDACTED]

9638 miles

Complaint: CEL on

Dealer Comments/Action: Underboost and Cam timing codes, cam bearings/carriers scored, debris in oil pan

Root Cause: Oil pump belt tensioner failure

**Rob Clark**  
*Ford Motor Company*

Engine Systems Engineer  
1.0L Fox Classic/ Upgrade / 1.5L/1.6L Sigma / 1.5L Dragon  
Cell: 313-378-2822



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Please click on the link to review the Teardown Report.



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**From:** Sanaski, Adam (A.)  
**Sent:** Thursday, June 25, 2020 10:13 AM  
**To:** Matthews, Matt (.); Clark, Robert (R.)  
**Subject:** OIL PUMP PLAY  
**Attachments:** DSCF5126.AVI; DSCF5127.AVI

Oil pump shaft.

How much play should and shouldn't there be?



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**CC:** McDonald, Harry (H.J.) [hmcdona1@ford.com]; Kaminski, Allan (A.) [akamins1@ford.com]; Raines, Chris (C.) [craines4@ford.com]  
**Subject:** RE: Fox Classic - Balanceshaft Belt Drive - DV Test Results  
**Attachments:** XG\_6375\_00335746.pdf

## John Moffat

Fox Engine Systems and Program Office Supervisor

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**Subject:** RE: Fox Classic - Balanceshaft Belt Drive - DV Test Results

Kevin,

Sorry to bother you about this but can you help answer the questions below.

Do you have the durability teardown reports for F1FG-6B651-AA/F1FG-6C777-AD balanceshaft belt/tensioners?  
Do you know if we were using vehicle equivalent flywheel inertias for all the engine dyno durability tests?

**Luke Brodbeck**

Cam Drive/VCT - Subject Matter Expert  
Cell: (313) 701-2743

---

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Yes Luke

The engine was originally signed off without a balance shaft (manual transmission only) - and these are the reports that are stored in EDVPR. Reports for the belt drive system with 6f15 would have been held by the component engineer or TS: Chris Raines and Kevin Maile at the time..

**John Moffat**

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**Sent:** 19 October 2023 18:50  
**To:** Moffat, John (J.) <[jmoffat@ford.com](mailto:jmoffat@ford.com)>  
**Cc:** McDonald, Harry (H.J.) <[hmc dona1@ford.com](mailto:hmc dona1@ford.com)>; Kaminski, Allan (A.) <[akamins1@ford.com](mailto:akamins1@ford.com)>  
**Subject:** RE: Fox Classic - Balanceshaft Belt Drive - DV Test Results

John,  
The report you sent is for the wrong Fox engine that only has an oil pump belt (no mechanical tensioner). We are looking for oil pump/balanceshaft belt drive which also has a tensioner from the engine shown below which was paired with 6F15 transmission.

I only have access to the engines I worked on in eDVPR so I'm locked out from finding anything on my own.



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**Attachments:** CM1\_1317\_FOX\_GDI\_M1\_High\_load\_gen\_Durab666.pdf

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H2BG 6L084 AA 1,0l

427



Craiova Engine Plant

26SEP17



FWSTA260917410200H2BG 6L084 AA EC



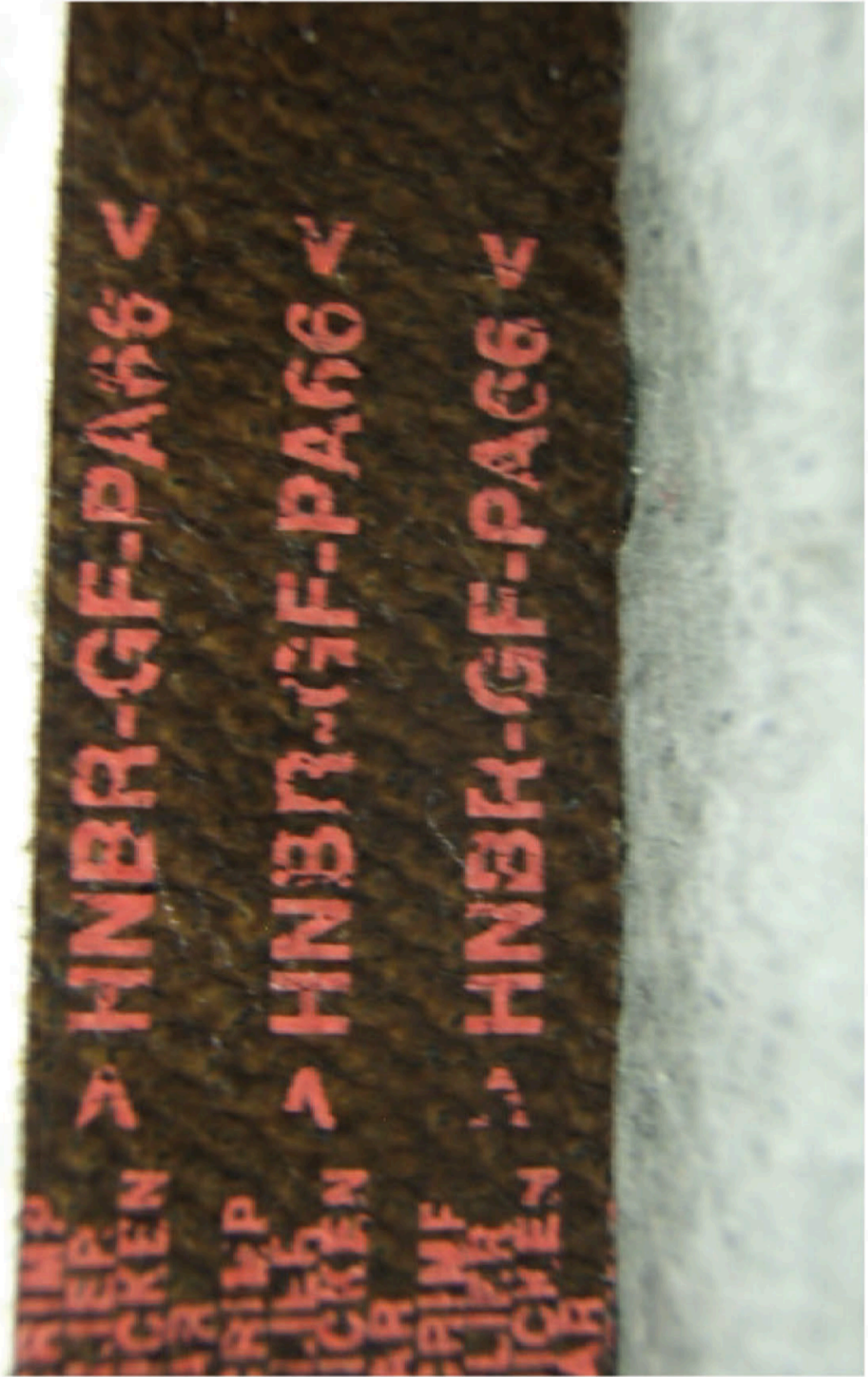




F1FG-3B651-AA F848B

F1FG-6B651-AA F848B

F1FG-6B651-AA F848B



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