

F4 Engine Cam Cover Breather Update Technical Bulletin # F4-2019-EN002-00

Approval

*Thomas E
Fischerbach*

This Technical Bulletin contains information regarding the addition of a breather to the cam cover of the F4 engine. This breather will not alter the performance of the engine but rather improve the longevity of the seals and minimize potential leaks.

This update will be the responsibility of the teams and car owners and will not involve any Honda associates. For events sanctioned by SCCA Pro, the presence of this breather will be audited as part of tech inspection.

Overview

It was brought to HPD's attention that on some rare occasions, leaks can develop at the crankshaft rear main seal. It can be attributed to accelerated wear and tear of the seals under race conditions. In order to help prevent the potential for any leaks, the upgrade to the new design is highlighted below.

Installation instructions:

1. Remove the engine cover from the car.
2. Remove the Delrin plug in the cam cover (left rear corner near the Honda nameplate).
3. Inspect for cracks, clean excess oil.
4. Assemble the metal breather PN 17429FC4YA000 to the Delrin orifice PN 17139F29SA000. Apply the proper amount of Teflon tape to the threads prior to assembly.
5. Insert the Delrin end of the breather; gently tap with a rubber mallet until the breather is seated per the figure below.
6. Reinstall the engine cover.



Machined shoulder must seat on the edge of the cam cover port

If you have any questions regarding the content of this bulletin, please contact John Whiteman at jwhiteman@hra.com or GRMS Admin at GRMSAdmin@hra.com.

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