

F4 DI HP Fuel Pump Bolt Failures Technical Bulletin # F4-2018-EN003

Approval

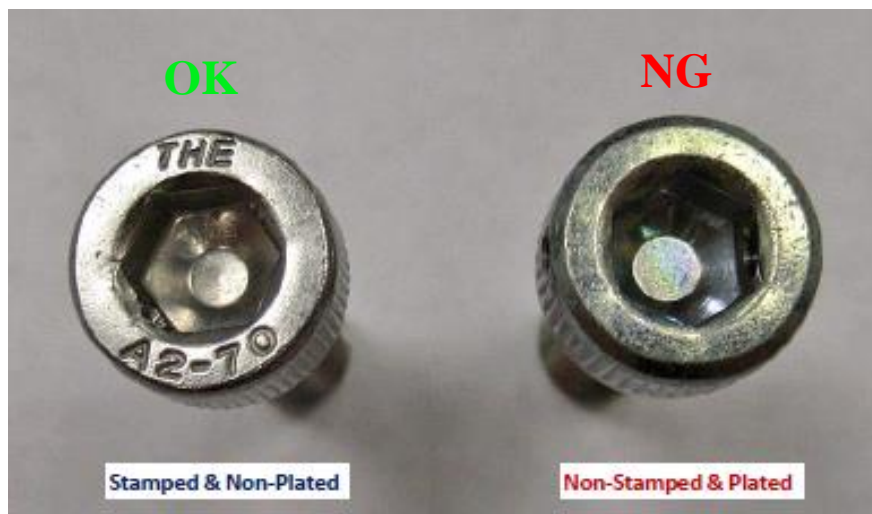
Thomas E. Pridemore

This Technical Bulletin contains information regarding potential issues with the F4 engine Direct Injection High Pressure Fuel Pump Bolts.

HPD has identified a potential issue with the DI high pressure fuel pump bolts on the F4 engine. There have been 2 types of bolts identified in the field. The first type is stainless steel and has an identification mark stamped on the head of the bolts. The suspect bolts have a tinted zinc plating and no identification stamps on the head of the bolt. The suspect bolts have been found to fail under load, potentially leading to a fuel line failure and large fuel leak.

Teams are advised to inspect their cars, and notify HPD if they find any of the non-stamped, plated bolts. It is also advised to cut the seals and check torque on all bolts. Torque specification is **13 Nm**. **DO NOT over-torque the bolts**. HPD will re-seal all pumps and replace any of the suspect bolts at the Mid-Ohio F4 race.

If any cars are not at the Mid-Ohio F4 race, please advise HPD so arrangements can be made to replace and re-seal the DI pump bolts.



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If you have any questions regarding the content of this bulletin, please contact Jeff Barrow at jbarrow@hra.com or GRMS Admin at GRMSAdmin@hra.com.

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