

SVS-10-09
10/23/2009

TO: ALL ISUZU POWERTRAIN DISTRIBUTORS AND DEALERS

SUBJECT: MQ POWER 6WG1 UNITS WITH REPORTED 316 FLASH CODE (NOT VALID)

Isuzu Motors America, LLC PowerTrain Division (ISZAPT) would like to inform our authorized Distributors and Dealers of a service concern with MQ Power units using the 6WG1. Customers have reported one or more of the following symptoms accompanied with a 316 flash code: crank no start, lack of power, heavy white/blue smoke with low RPMs (1000+/-) when in high speed mode. If related to maintenance or lack of, this condition is non-warranty as described below.

The 316 flash code is not a valid code. The actual flash code is a 226 which is often misinterpreted as a 316. The 226 flash code is DTC P1094 no pump pressure feed (1st stage). When DTC P1094 is triggered, the fuel-rail pressure is limited and multi-injection is then stopped causing the exhaust smoke and low RPMs. This measure is taken to prevent damage to the fuel system which can be caused by a lack of fuel as fuel is used to lubricate the fuel system components. Further information regarding this code can be located in the 6WG1 Troubleshooting Manual (ITE-3200).

Several items can cause this code to be set. The most common can be found below:

- Fuel system restrictions (most often caused by dirty fuel filters)
- Unit was run low or out of fuel
- Air present in the fuel system after a fuel filter service

Once the cause for the code has been corrected the code itself must be cleared in order for normal engine operation to resume. It is common for light exhaust smoke to still be present during the first couple minutes of normal operation as the exhaust system often “wet stacks” during default operation. It is suggested to load the engine to help clean out the exhaust system.

It is important to remember the above causes are all maintenance related and likewise non-warrantable concerns. Please refer customers to Instruction Manual IDE-6200 for information regarding proper maintenance intervals and servicing procedures.

If you have any questions please feel free to contact me at klayton.katterman@isza.com or 734.582.9427.

Best Regards,

Klayton Katterman

Service Specialist