



**ENGINE REBUILDERS ASSOCIATION**  
**Oil Pump Replacement Caution on**  
**2004-2008 Suzuki 2.0L Engines**

The AREA Technical Committee offers the following information regarding a caution on oil pump replacement for 2004-08 Suzuki 2.0L engines. New original equipment oil pumps require a relocation of the engine oil pressure switch during the replacement procedures.

Models affected: Forenza Sedan/Wagon, Reno (RQ420)

The original design of the oiling system on this engine has the oil pressure switch located in the external portion of the oil pump assembly as shown in Figure 1. When a new original equipment pump is being replaced it is important to note, New Suzuki replacement oil pumps are supplied with a threaded plug installed into the previously used oil pressure switch port. This plug is very difficult to remove without damaging the new oil pump by causing distortion and thread damage. The plug should be left undisturbed as viewed in Figure 2.

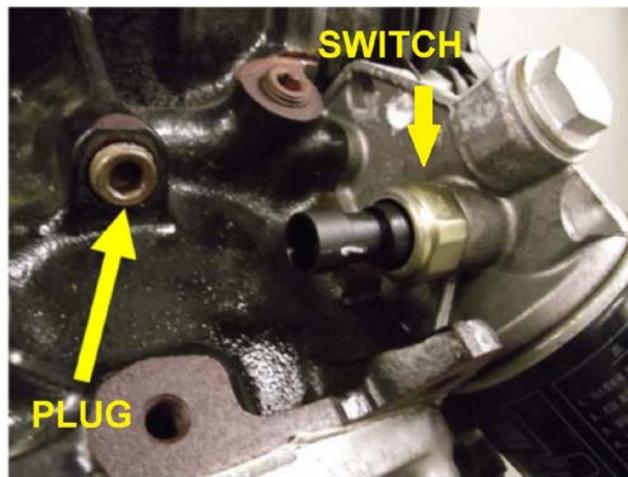


Figure 1. Left Arrow Gallery Plug, Right Original Switch Location

New oil pump replacement also requires re-location of the oil pressure switch to the block header, a short distance away as show in Figure 1.



Figure 2. New Oil Pump Sealed Plug – Do Not Remove

To relocate the existing switch or a new switch Part #37820-86Z02, obtain a new gasket and install into the block, torquing it to 30 FT/LBS. Connect the existing wire harness to the oil pressure switch. No modifications are required to the harness length or connector for the relocation of the switch.

The AERA Technical Committee

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