

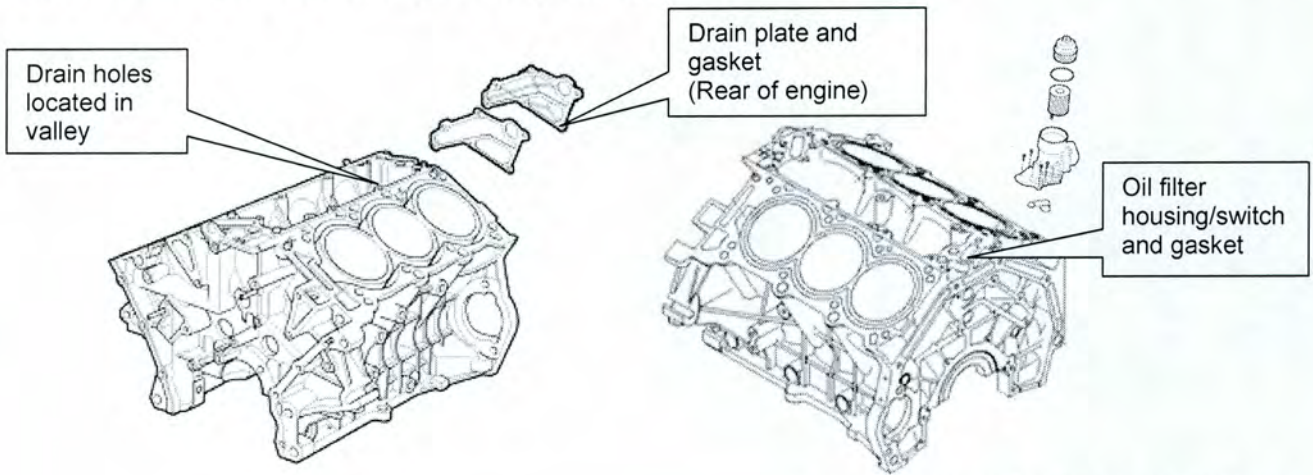
	GROUP Engine	MODEL Sorento (BL/XMa), Sedona(VQ) and Amanti (GH)
	NUMBER PS211	DATE May, 2012
 		
SUBJECT: <p style="text-align: center;">PITSTOP: LAMBDA V6 ENGINE DIAGNOSIS TIPS</p>		

Some Kia vehicles are equipped with Lambda V6 Engines, which are designed with drain holes located in the valley. Due to this design, it is possible to misdiagnose the source of an oil leak as the rear main seal or oil pan, even though the oil leaks may actually be originating in the engine valley, from the oil filter housing assembly, oil pressure switch, and/or related gaskets. To prevent misdiagnosis and repeat repairs, make sure to verify the actual source of the leak before attempts at repair. The best method to determine the true origin of the leak is to use a video or bore scope along with engine oil dye testing with a black light.



Note: Oil filter housing/Cooler may vary by model year

Areas of Possible Leakage:

- Oil filter housing gasket/block surface
- Oil Pressure switch, located on oil filter housing
- Rear drain hole/plate (leaks will drain out here)