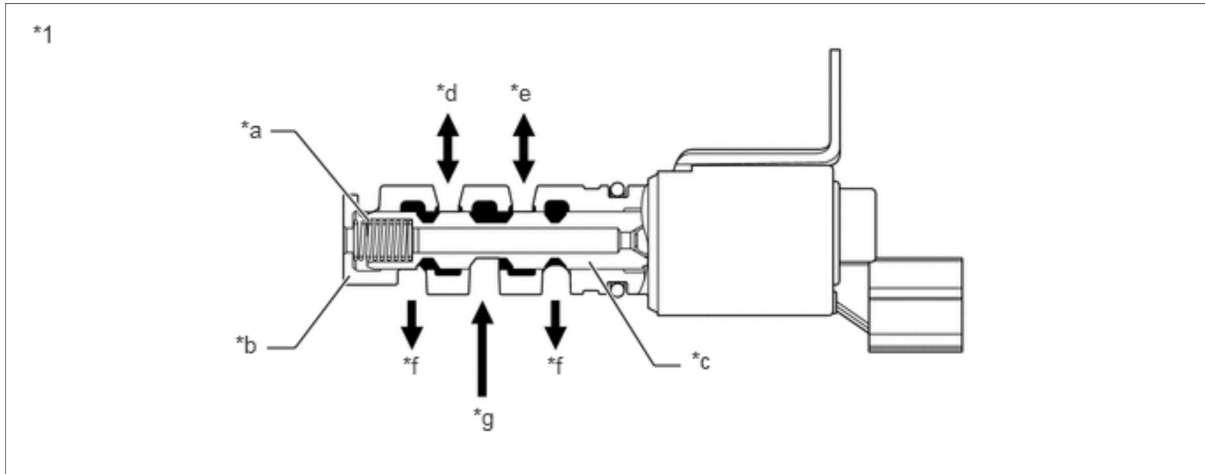


[Print](#)[Exit](#)**6AR-FSE ENGINE CONTROL SFI SYSTEM DETAILS CAMSHAFT TIMING OIL CONTROL VALVE****CONSTRUCTION**

- a.** The camshaft timing oil control valve assembly controls its spool valve using duty-cycle control from the ECM. This allows hydraulic pressure to be applied to the camshaft timing exhaust gear assembly advance or retard side. When the engine is stopped, the camshaft timing oil control valve assembly will move to the advance position.



*1	Camshaft Timing Oil Control Valve Assembly	-	-
*a	Spring	*b	Sleeve
*c	Spool Valve	*d	to Camshaft Timing Exhaust Gear Assembly (VVT-i Controller) (Advance Side)
*e	to Camshaft Timing Exhaust Gear Assembly (VVT-i Controller) (Retard Side)	*f	Drain
*g	Oil Pressure (from Oil Pump)	-	-