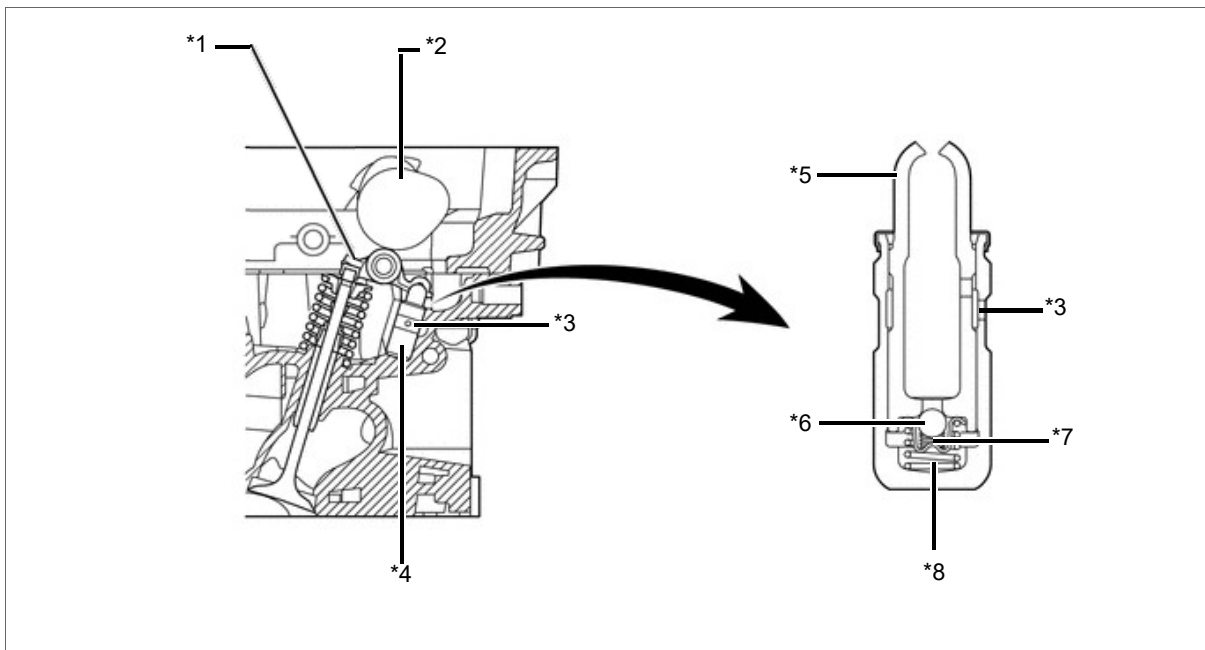


[Print](#)[Exit](#)**2AR-FE ENGINE MECHANICAL ENGINE UNIT DETAILS VALVE LASH ADJUSTER****CONSTRUCTION**

- a.** The hydraulic lash adjusters, which are located at the fulcrum (pivot point) of the No. 1 valve rocker arm sub-assemblies, each consists primarily of a plunger, plunger spring, check ball, and check ball spring.
- b.** Both the engine oil that is supplied by the cylinder head and the built-in spring actuate the valve lash adjuster assemblies. The oil pressure and the spring force that act on the plunger push the No. 1 valve rocker arm sub-assemblies against the cam in order to adjust the clearance between the valve stem and the No. 1 valve rocker arm sub-assembly. This prevents the generation of noise during the opening and closing of the valves. As a result, engine noise is reduced.



*1	No. 1 Valve Rocker Arm Sub-assembly	*2	Cam
*3	Oil Passage	*4	Valve Lash Adjuster Assembly
*5	Plunger	*6	Check Ball
*7	Check Ball Spring	*8	Plunger Spring