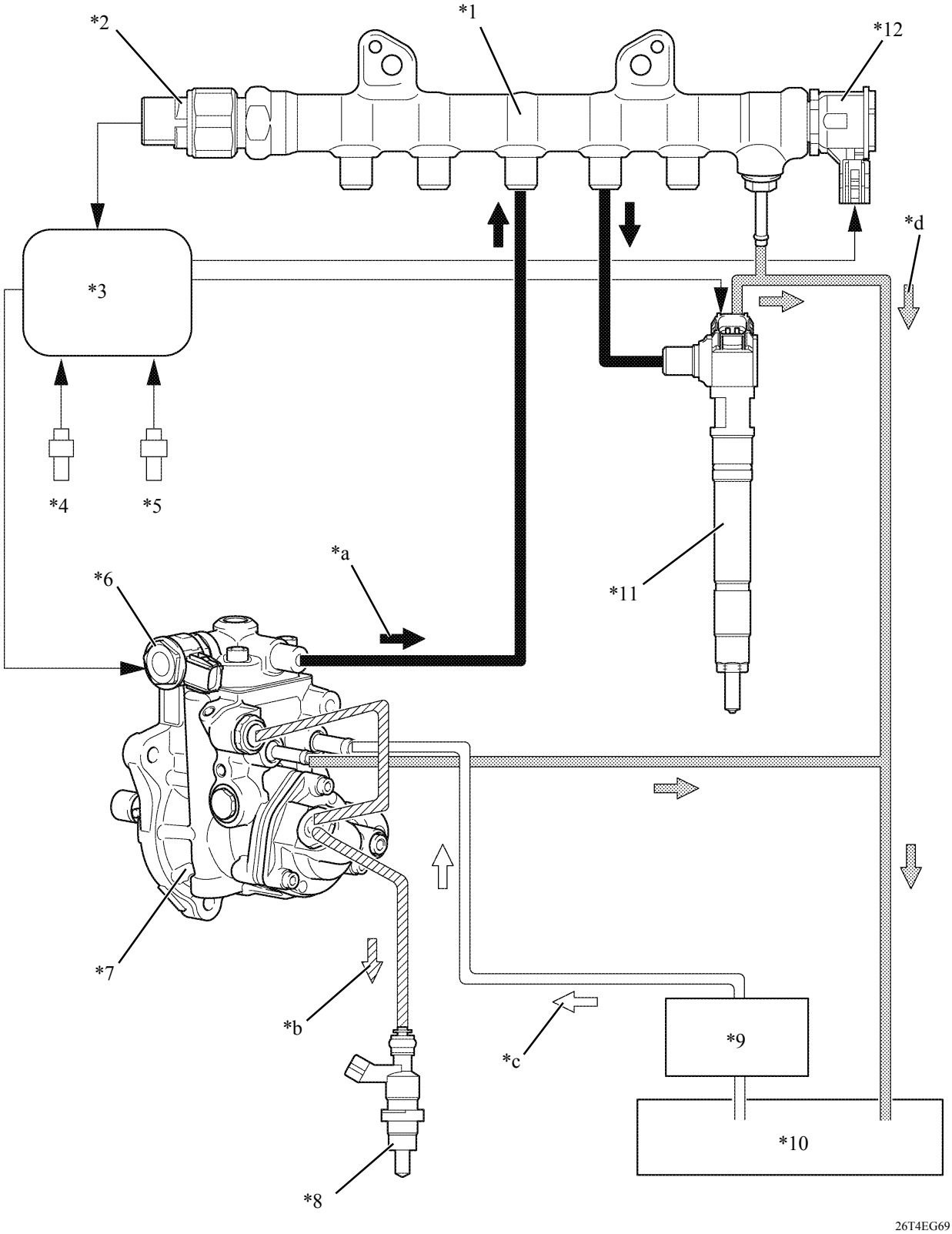
■ COMMON-RAIL SYSTEM

1. System Control

In this system, the highly pressurized fuel supplied by the supply pump is stored in the common-rail, and the ECM controls the injection timing and injection volume of the injectors.



Text in Illustration

*1	Common-rail Assembly	*2	Fuel Pressure Sensor
*3	ECM	*4	Crank Position Sensor
*5	Cam Position Sensor	*6	Pre-stroke Control Valve
*7	Injection or Supply Pump Assembly	*8	Exhaust Fuel Addition Injector Assembly
*9	Fuel Filter Assembly	*10	Fuel Tank Assembly
*11	Injector Assembly	*12	Pressure Discharge Valve
*a	Fuel (High Pressure)	*b	Fuel (Feed Pressure)
*c	Fuel (Suction)	*d	Fuel (Return)