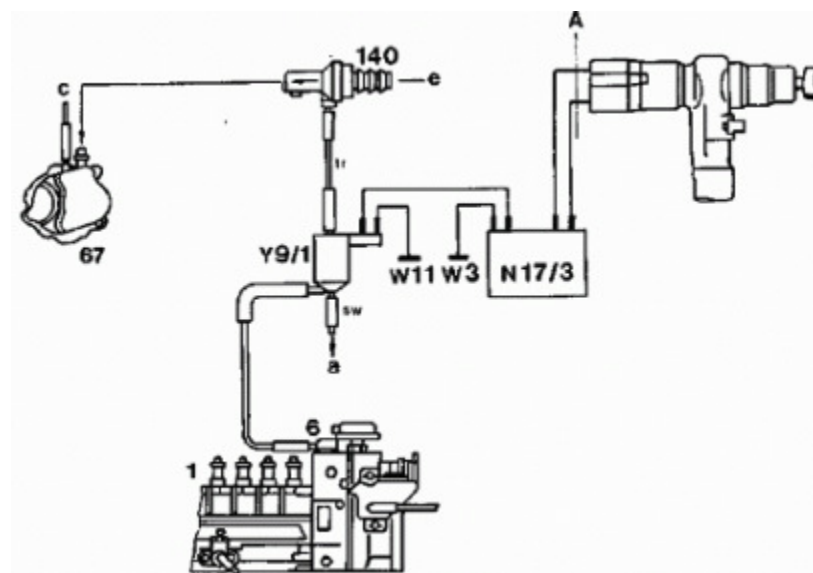


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Function of injection system

T. Vacuum engine stop with car key (glow start switch)**Model 140, Engine 603.971. Model Year 1992**

The key-operated engine stop is no longer actuated via the glow start switch valve (61c) but via an electric switchover valve (Y9/1) and via a relay (N17/3), which at the same time also switches off the fuel.



Vacuum line routing

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1	Injection pump	Y9/1	Key-operated stop switchover valve
6	Stop unit		
67	Vacuum pump	A	Intermediate panel
140	Check valve/main vacuum line		
N17/3	Key-operated stop relay (fuel shutoff)	a	Air admission to vehicle interior
W3	Ground, front left wheelhouse	c	Other ancillaries
W11	Ground, engine	e	To brake booster

Key-operated engine stop relay (N17/3), key-operated engine stop switchover valve (Y9/1)

The key-operated engine stop relay (N17/3) is actuated for about 3 seconds after the engine is switched off and operates the key-operated engine stop switchover valve (Y9/1).

N17/3 Key-operated engine stop relay (fuel shutoff)



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A vacuum of about 500 mbar exists at the key-operated engine stop switchover valve (Y9/1). After this valve is actuated, the vacuum which exists at the valve operates the stop unit at the injection pump pneumatically and moves the control rod into the stop position.



Y9/1 Key-operated engine stop switchover valve

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