

M70 Throttle Body Calibration Procedure

From the BMW 850 repair manual:

Step 1 - Run engine to operating temperature

Step 2 - In 1st gear run the engine up to 5000 rpm and then let it coast down (still in 1st) down to idle and let it idle for 10 seconds

Step 3 - Do Step 2 two more times for a total of three times

Step 4 - Place the car in neutral or park

Step 5 - Idle for at least 5 minutes

Step 6 - Shut the engine off for 10 seconds

Step 7 - Restart the engine

Result: Both DK motors should now be synchronized and the adaptive system engaged

All this does is does is notify the EML to initiate a "fast synch", which occurs during the 5-minute idle period.

The M73 Siemens EML-III does not use this feature. Its adaptation occurs continuously, probably because the controller has enough MIPs to devote to monitoring individual bank airflow on a continual basis as part of the duty loop.