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# Roland Sc 500 Manual

**Mike Jess**



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check replace all faulty wiring connector s read measuring value blocks mvb when is the code detected power supply for the  
throttle control motor is provided to the engine control module ecm via throttle control motor relay

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dec 19 2014 the v380 is part of the j808 regulating flap control unit and shares the same 5 pin connector it is used to  
regulate the intake air diesel engines do not use throttle body units their engine speed is regulated controlled by the amount  
of fuel injected

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the air duct for the defroster vent chapter

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remove fresh air recirculated air air flow flap control motor v425 1 from air intake duct disconnect electrical connector 3  
installing installation is carried out in the reverse order when installing note the following note check operation of flaps and  
hinge mechanism before fitting

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nov 21 2018 scanning codes gave p10a4 intake air flap control actuator mechanical malfunction more often than not this  
would only happen when cold and the code could often be cleared after it had been run for a while i had a full diagnostic run  
which included running through test cycles of all valves and actuators and this showed nothing up

*p2009 intake manifold air control actuator solenoid bank 1* - Oct 08 2022

apr 30 2017 obd ii fault code p2009 is a generic code that is most commonly defined as intake manifold air control actuator  
solenoid bank 1 circuit low but sometimes also as intake manifold runner control imrc solenoid control circuit low bank 1 or  
less often as intake manifold runner control circuit low bank 1

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feb 16 2016 searching for fault code p10a4 gets me several vag related forum posts that indicate that the problem is related to a vacuum operated flap in the air intake and that the fault sends you into limp mode which agrees with what you report the fix seems to be to replace the intake manifold which seems a little drastic to me

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oct 5 2019 the fault that s caused limp mode is p10a0 actuation regulating flap for intake air electrical which is the regulating flap for the air bypass of the supercharger people commonly misdiagnose the 004256 control circuit for intake air regulating flap error for n75 valves or throttle bodies as its an error specific to the 1 4 tsi

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oct 16 2016 i pulled the intake manifold flap actuator and bench tested it by applying voltage across the motor pins and the actuator arm moved appropriately i was convinced that the motor and linkage was operating properly also the linkage and the arm on the manifold operated smoothly without any effort

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jan 21 2012 step 1 locate the imrc motor it s on the driver s side of the engine under the hpfp on the side of the intake manifold see the pic below its circled in red step 2 remove the wiring harness that s in the way just unplug all connectors that you see attached to that big harness throttle body hpfp the motor itself etc

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pull off front air distribution flap control motor v426 1 and remove it disconnect electrical connector 3 installing installation is carried out in the reverse order when installing note the following note check operation of flaps and hinge mechanism before fitting make sure levers and shafts are properly fitted in the mounts