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Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [12/2022 -]
Title: M20A-FXS (ENGINE CONTROL): MASS AIR FLOW METER: INSPECTION; 2023 - 2024 MY Prius Prius Prime [12/2022 -]		

INSPECTION

PROCEDURE

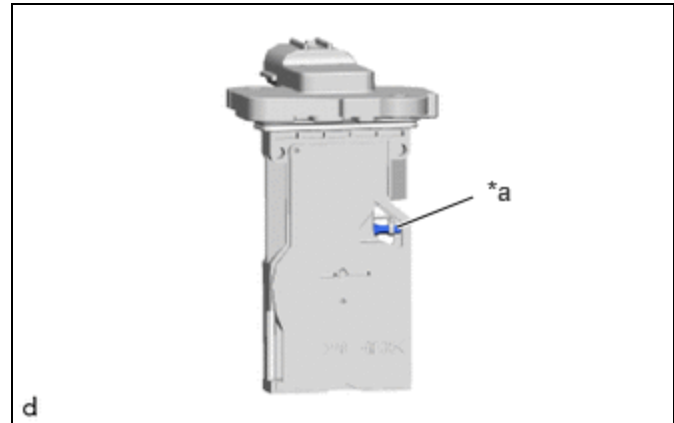
1. INSPECT MASS AIR FLOW METER SUB-ASSEMBLY

- (a) Perform a visual check for any foreign matter on the intake air temperature sensor (thermistor) of the mass air flow meter sub-assembly shown in the illustration.

OK:

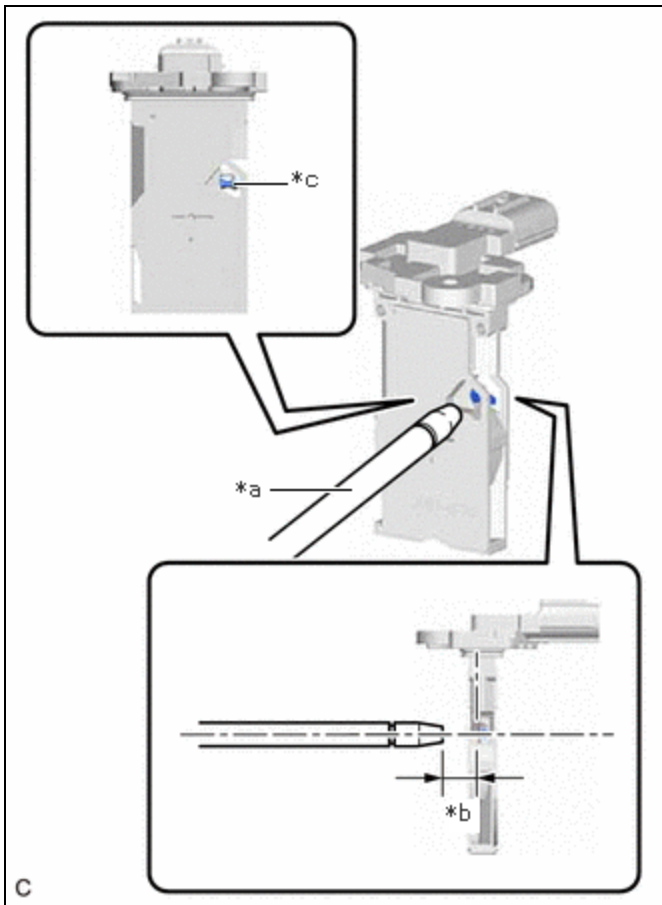
There is no foreign matter.

If the result is not as specified, clean the intake air temperature sensor (thermistor).



*a	Intake Air Temperature Sensor (Thermistor)
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- (b) Clean the intake air temperature sensor (thermistor).



*a	Air Blow Gun
*b	10 mm (0.394 in.)
*c	Intake Air Temperature Sensor (Thermistor)

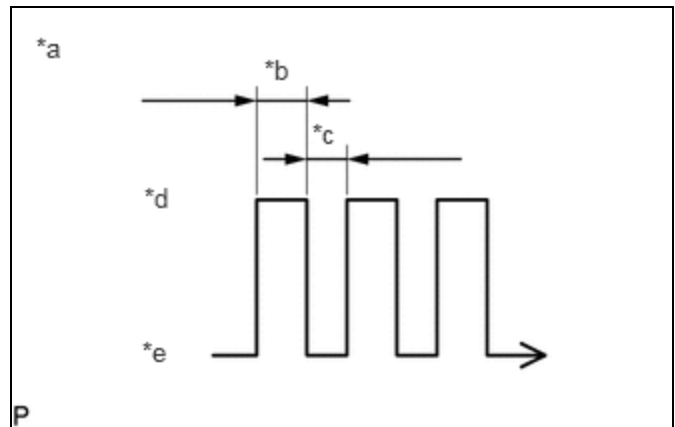
NOTICE:

- Do not contact the mass air flow meter sub-assembly with the nozzle of the air blow gun.
- Do not insert the nozzle of the air blow gun into the intake air temperature sensor (thermistor) area.

(1) Using an air blow gun, clean the intake air temperature sensor (thermistor) area of the mass air flow meter sub-assembly by applying approximately 10 intermittent bursts of air to the intake air temperature sensor (thermistor) area at a pressure of approximately 392 to 981 kPa (4.0 to 10.0 kgf/cm², 57 to 142 psi).

HINT:

After performing cleaning, read the value of Data List item "Mass Air Flow Sensor" using the GTS and if the value is not as specified, replace the mass air flow meter sub-assembly.



*a	Air Blow Duration
*b	3 to 6 Seconds
*c	1 Second
*d	Air Blowing

*e	Air Stopped
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