

## PROCEDURE

### 1. DISCHARGE FUEL SYSTEM PRESSURE

[Click here](#)Engine / Hybrid System>1GR-FE FUEL>FUEL SYSTEM>PRECAUTION

### 2. PRECAUTION

#### NOTICE:

After turning the ignition switch off, waiting time may be required before disconnecting the cable from the battery terminal. Therefore, make sure to read the disconnecting the cable from the battery terminal notice before proceeding with work.

[Click here](#)General>INTRODUCTION>REPAIR INSTRUCTION>PRECAUTION

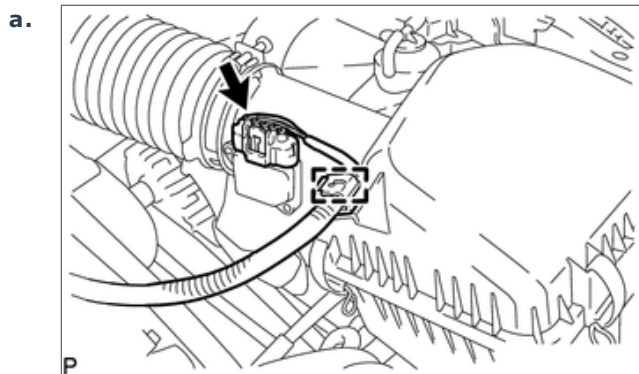
### 3.DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL

### 4.DRAIN ENGINE COOLANT

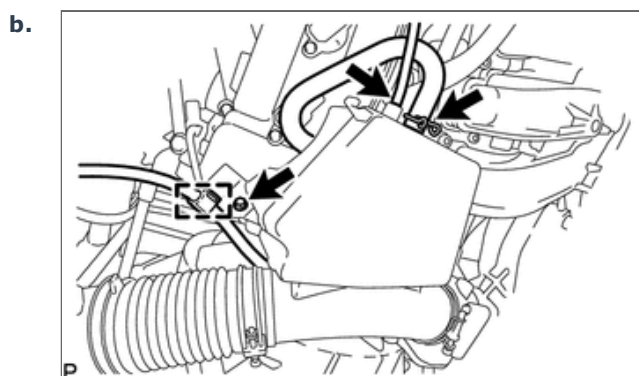
[Click here](#)Engine / Hybrid System>1GR-FE COOLING>COOLANT>REPLACEMENT

### 5.REMOVE AIR CLEANER CAP SUB-ASSEMBLY WITH NO. 1 AIR CLEANER HOSE

17705



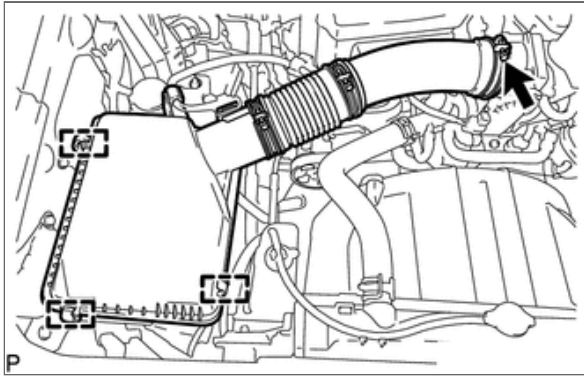
Detach the clamp and disconnect the mass air flow meter connector.



Disconnect the vacuum hose from the No. 1 air cleaner hose.

- c. Slide the clamp and disconnect the No. 2 ventilation hose from the No. 1 air cleaner hose.
- d. Detach the clamp and disconnect the wire harness.
- e. Remove the bolt.

f.



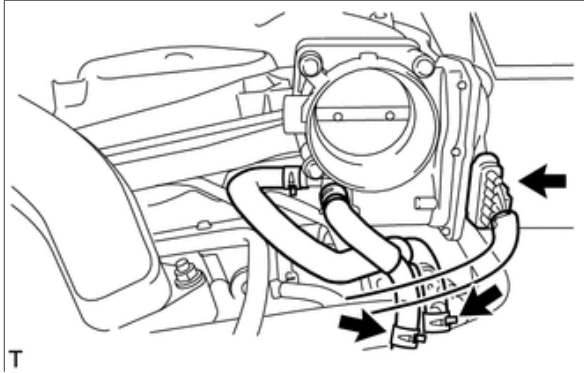
Loosen the hose clamp and disconnect the No. 1 air cleaner hose from the cylinder head cover sub-assembly.

- g. Detach the 3 clamps and remove the air cleaner cap sub-assembly with No. 1 air cleaner hose.

## 6.REMOVE INTAKE AIR SURGE TANK

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a.

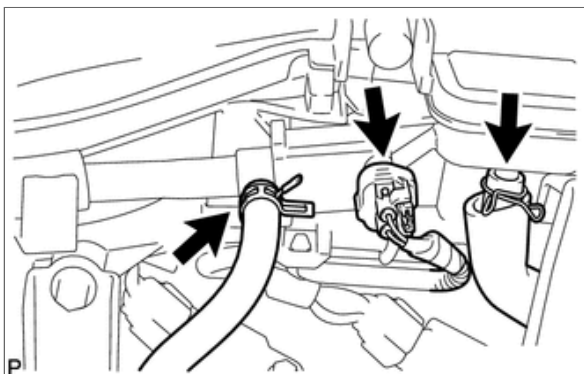


Disconnect the throttle body connector.

- b. Slide the clamp and disconnect the No. 4 water by-pass hose from the water inlet housing.

- c. Slide the clamp and disconnect the No. 5 water by-pass hose from the water inlet housing.

d.

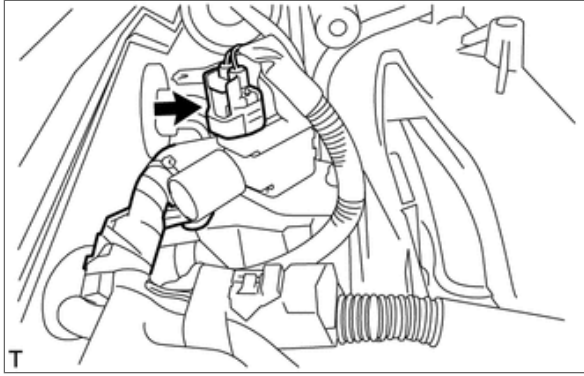


Slide the clamp and disconnect the No. 1 fuel vapor feed hose from the No. 1 vacuum switching valve assembly.

- e. Disconnect the No. 1 vacuum switching valve connector.

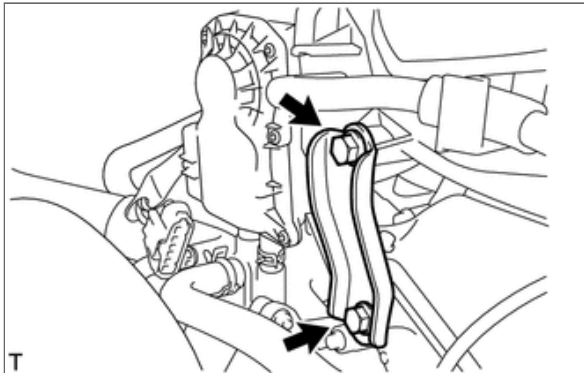
- f. Slide the clamp and disconnect the No. 1 ventilation hose from the intake air surge tank.

**g.**



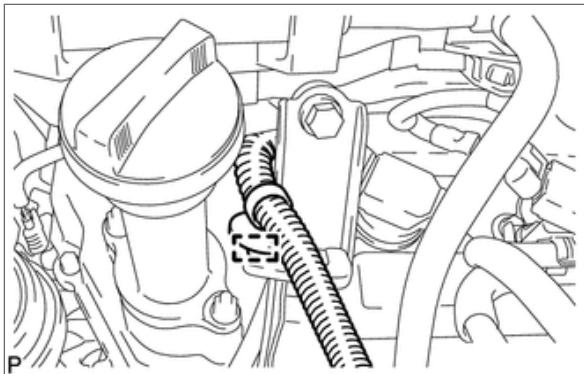
Disconnect the vacuum switching valve (for ACIS) connector.

**h.**



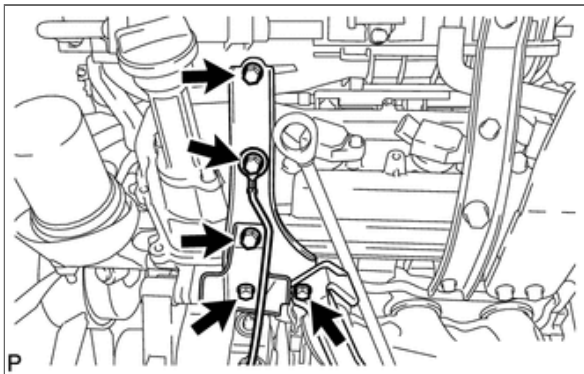
Remove the 2 bolts and throttle body bracket.

**i.**



Using a clip remover, detach the wire harness clamp from the No. 1 surge tank stay.

**j.**

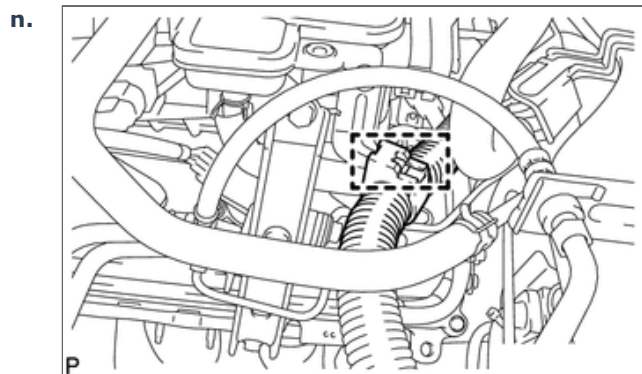


Remove the bolt and disconnect the ground wire from the No. 1 surge tank stay.

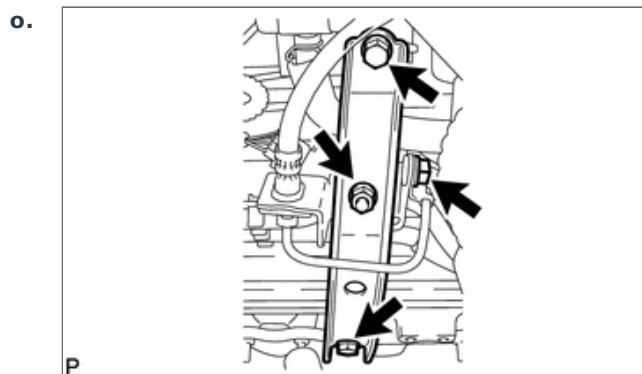
**k.** Remove the bolt and disconnect the engine oil level dipstick guide from the No. 1 surge tank stay.

**l.** Remove the bolt and oil baffle plate.

**m.** Remove the 2 bolts and No. 1 surge tank stay.

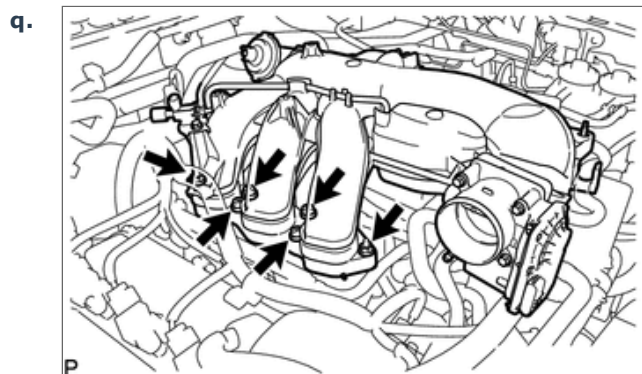


Detach the wire harness clamp.



Remove the 2 nuts and disconnect the clutch hose bracket.

**p.** Remove the 2 bolts and No. 2 surge tank stay.



Remove the 2 nuts.

**r.** Using an 8 mm hexagon wrench, remove the 4 bolts. Then remove the intake air surge tank and gasket.

#### 7.REMOVE NO. 1 FUEL PIPE SUB-ASSEMBLY

23801P

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#### 8.REMOVE NO. 2 FUEL PIPE SUB-ASSEMBLY

23802B

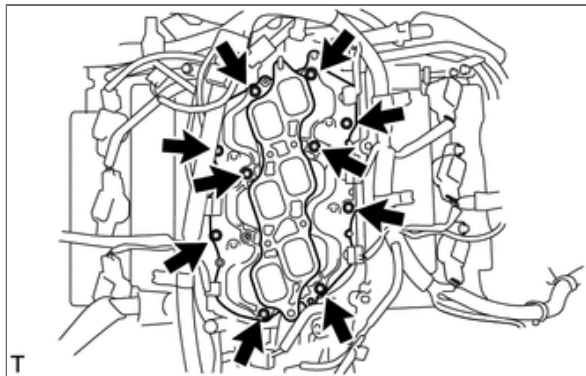
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#### 9.REMOVE FUEL DELIVERY PIPE SUB-ASSEMBLY

23807

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a.



Remove the 10 bolts, intake manifold and 2 gaskets.