

2AZ-FE INTAKE / EXHAUST > EXHAUST MANIFOLD > REMOVAL

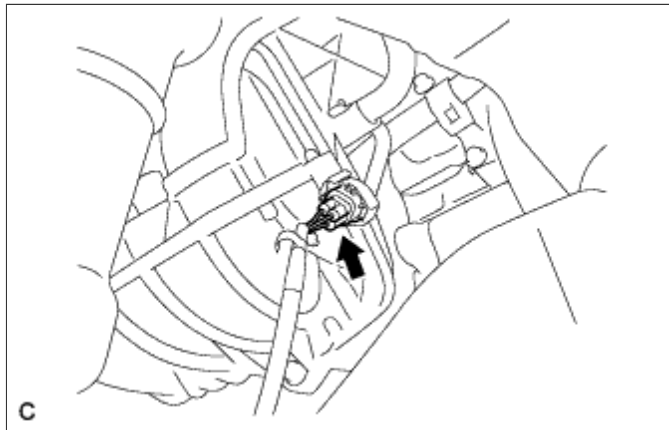
1. REMOVE GENERATOR ASSEMBLY

- a. Remove the generator assembly (Refer to 2AZ-FE BATTERY / CHARGING > GENERATOR > REMOVAL(200804 -)).

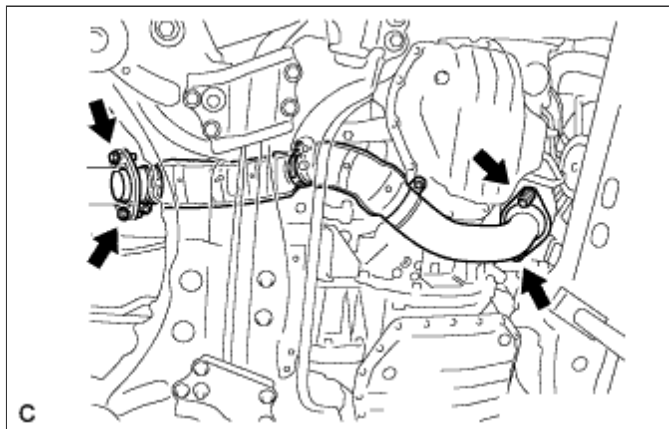
2. REMOVE NO. 1 ENGINE UNDER COVER

3. REMOVE FRONT EXHAUST PIPE ASSEMBLY

- a. Disconnect the oxygen sensor connector.

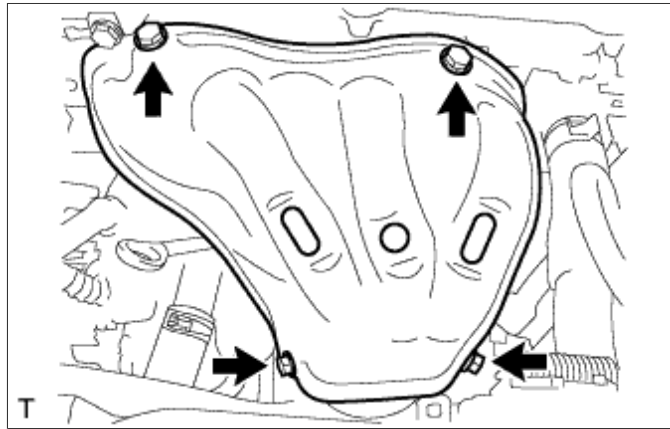


- b. Remove the 4 bolts, 2 nuts, 2 compression springs and front exhaust pipe assembly.
- c. Remove the 2 gaskets from the front exhaust pipe assembly.



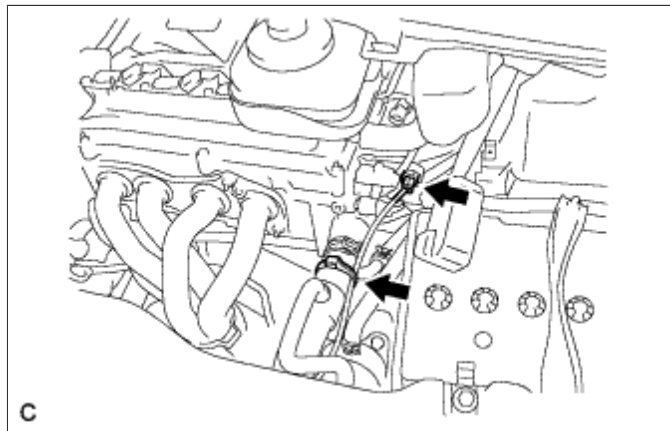
4. REMOVE NO. 1 EXHAUST MANIFOLD HEAT INSULATOR

- a. Remove the 4 bolts and No. 1 exhaust manifold heat insulator.



5. REMOVE AIR FUEL RATIO SENSOR

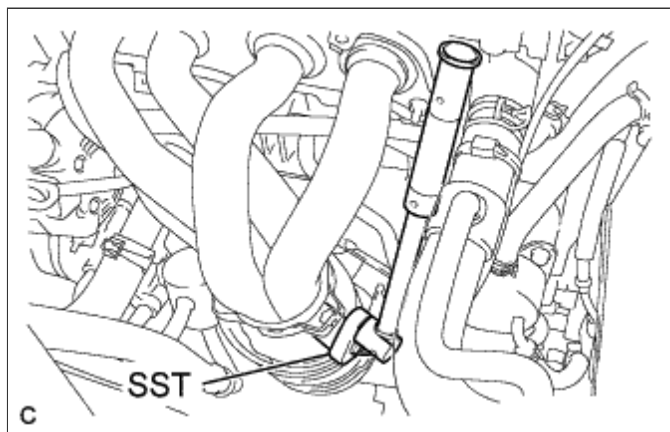
- a. Disconnect the air fuel ratio sensor connector and wire harness clamp.
- b. Remove the wire harness clamp.



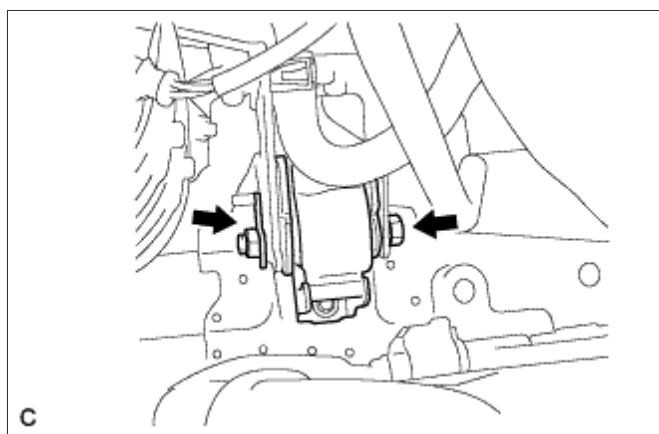
- c. Using SST, remove the air fuel ratio sensor.

SST

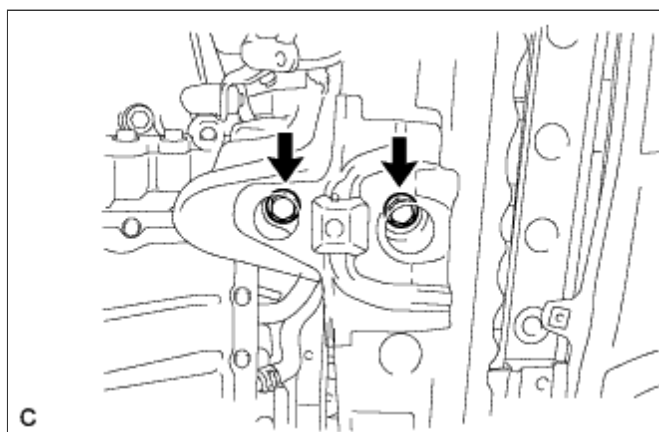
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- a. Remove the bolt and nut, and separate the front engine mounting insulator from the front engine mounting bracket.

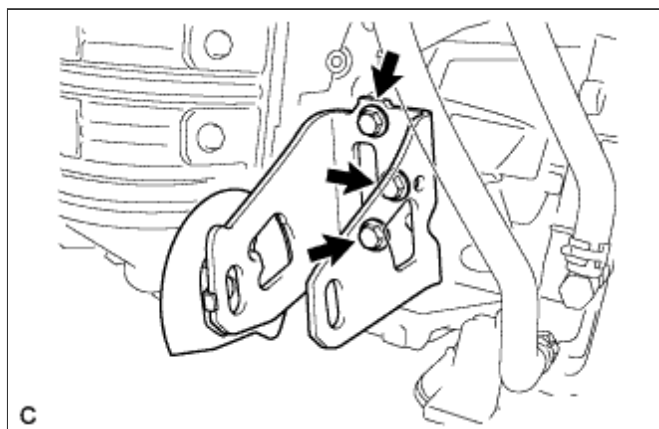


- b. Remove the 2 bolts and front engine mounting insulator.



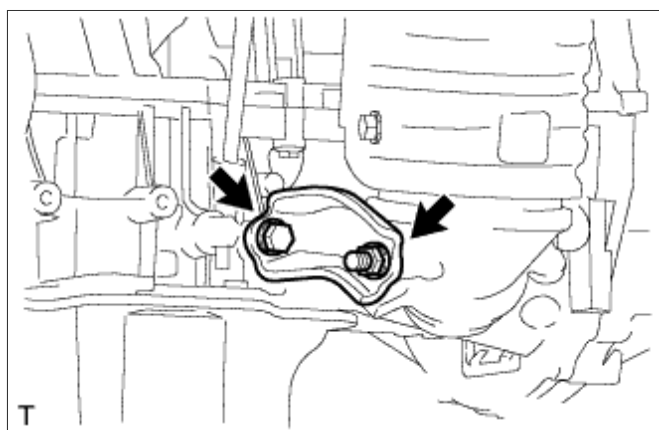
7. REMOVE FRONT ENGINE MOUNTING BRACKET

- a. Remove the 3 bolts and front engine mounting bracket from the continuously variable transaxle.



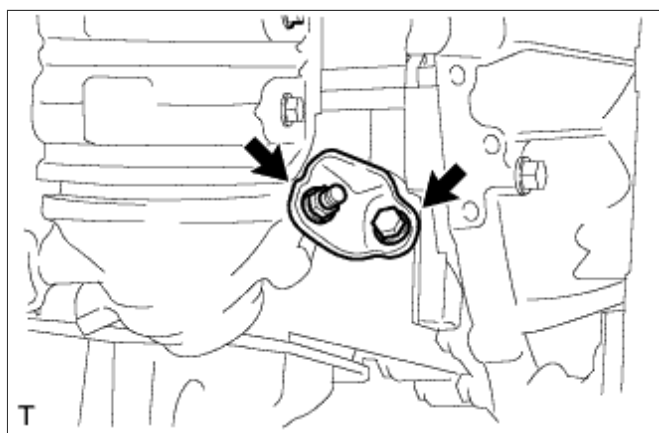
8. REMOVE MANIFOLD STAY

- a. Remove the bolt, nut and manifold stay.



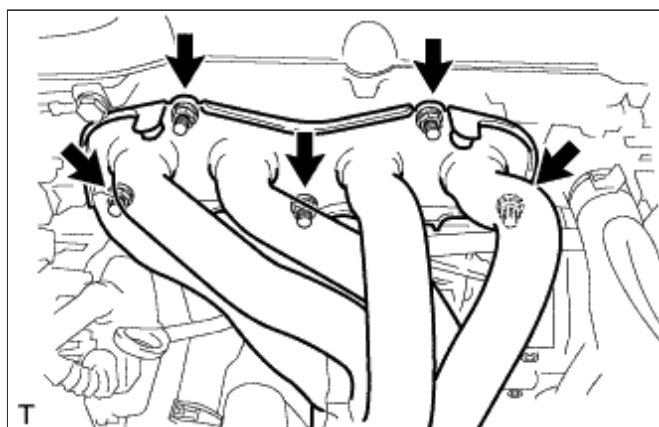
9. REMOVE NO. 2 MANIFOLD STAY

- a. Remove the bolt, nut and No. 2 manifold stay.

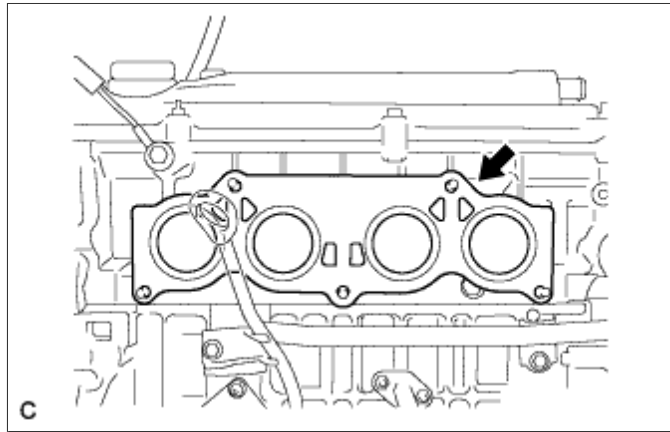


10. REMOVE EXHAUST MANIFOLD CONVERTER SUB-ASSEMBLY

- a. Using a 12 mm deep socket wrench, remove the 5 nuts and exhaust manifold converter sub-assembly.

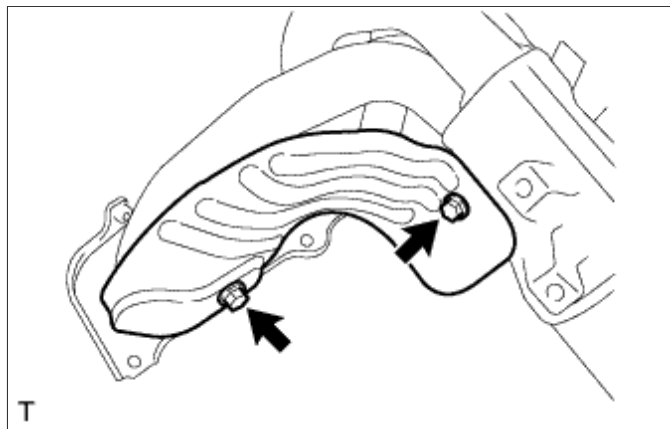


- b. Remove the exhaust manifold to head gasket.



11. REMOVE NO. 2 EXHAUST MANIFOLD HEAT INSULATOR

- a. Remove the 2 bolts and No. 2 exhaust manifold heat insulator.



12. REMOVE NO. 1 MANIFOLD CONVERTER INSULATOR

- a. Remove the 4 bolts and No. 1 manifold converter insulator.

