

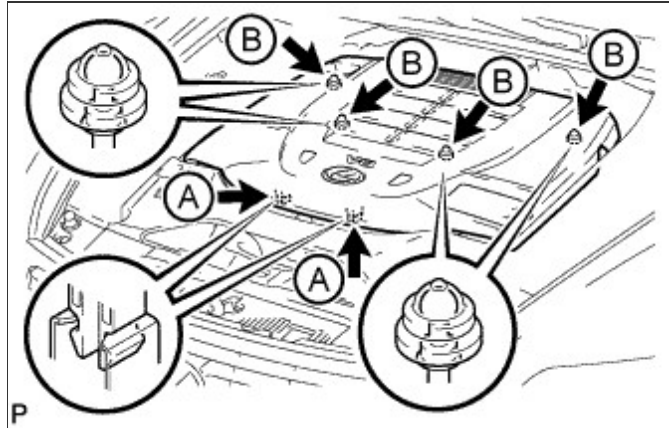
## 1UR-FSE ENGINE CONTROL SYSTEM > CAMSHAFT TIMING CONTROL MOTOR > REMOVAL

### 1. REMOVE V-BANK COVER SUB-ASSEMBLY

- a. Using both hands, lift the rear side of the cover upwards to detach the 4 clips labeled B. Then slide the cover toward the front of the vehicle to detach the 2 clips labeled A and remove the V-bank cover.

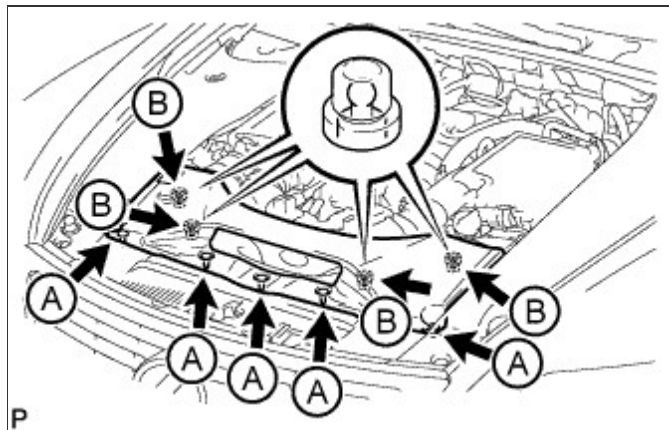
#### NOTICE:

- The V-bank cover may be damaged if its front and rear are lifted at the same time.
- When detaching the clips labeled A, be sure to slide the cover toward the front of the vehicle.

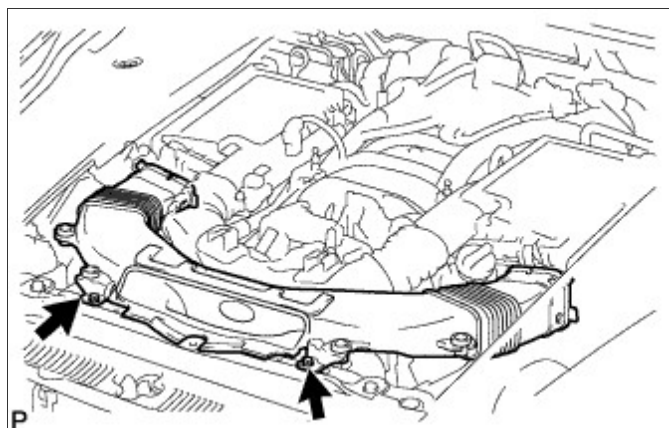


### 2. REMOVE AIR CLEANER INLET COVER SUB-ASSEMBLY

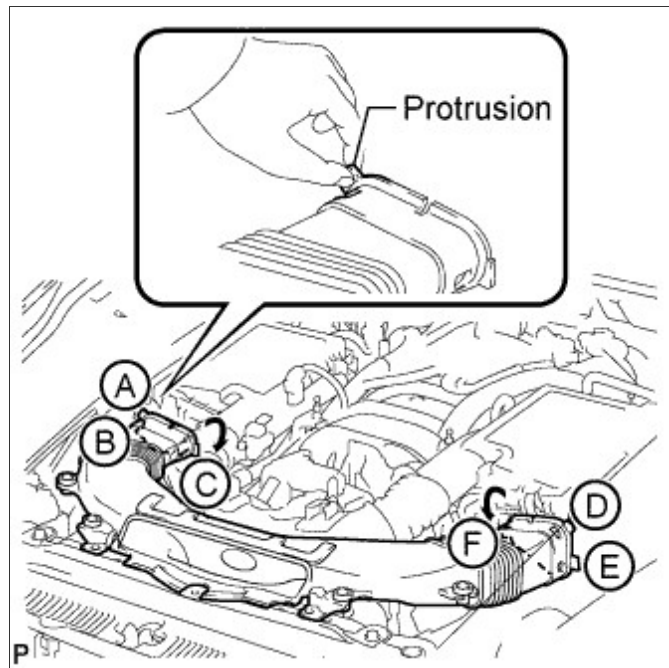
- a. Remove the 5 clips A.
- b. Lift up the air cleaner inlet cover to detach the 4 clips B, and remove the air cleaner inlet cover.



- a. Remove the 2 bolts.

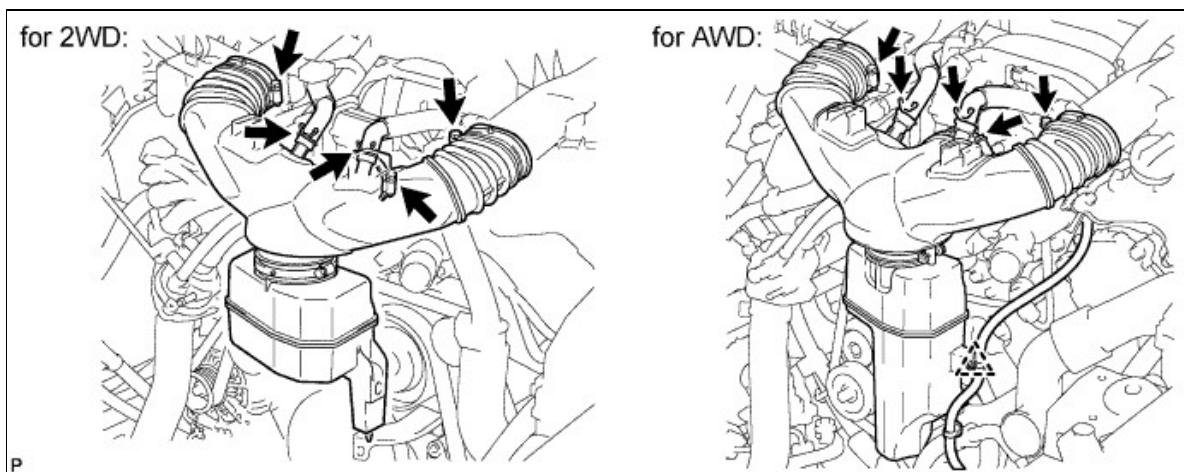


- b.** Hold the air cleaner inlet by the protrusions A and B, and detach the connections.
- c.** Rotate the No. 1 air cleaner inlet as shown in the illustration to detach the protrusion C.
- d.** Hold the air cleaner inlet by the protrusions D and E, and detach the connections.
- e.** Rotate the No. 1 air cleaner inlet as shown in the illustration to detach the protrusion F.

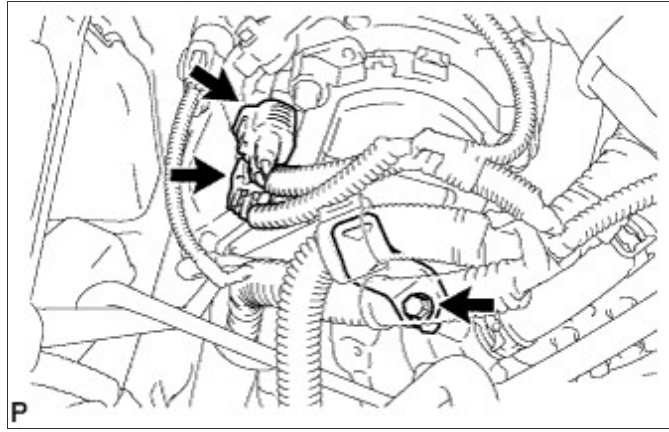


#### 4. REMOVE INTAKE AIR CONNECTOR PIPE

- a.** Disconnect the No. 1 and No. 2 ventilation hoses from the intake air connector pipe.



- b.** for AWD:  
Using a clip remover, detach the wire harness clamp.
- c.** Loosen the 3 hose clamps, and remove the intake air connector pipe.
- a.** Disconnect the 2 camshaft timing control with EDU motor connectors.
- b.** Remove the bolt and engine wire bracket.

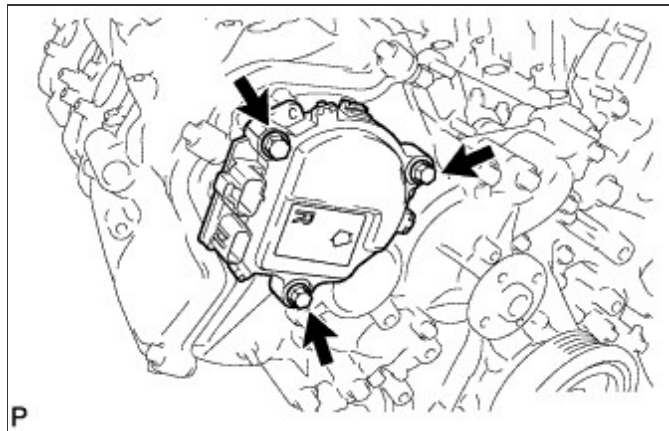


- c. Remove the 3 bolts and camshaft timing control with EDU motor.

**NOTICE:**

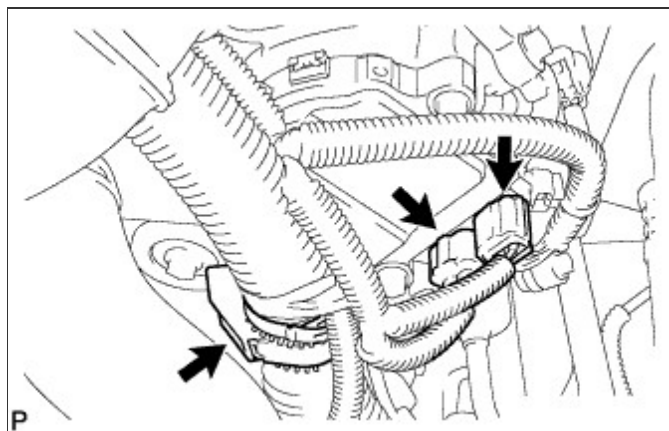
Do not allow foreign matter to contact the oil seal face of the camshaft timing control with EDU motor (connecting surface with timing chain cover).

- d. Remove the O-ring from the timing chain cover.



## 6. REMOVE CAMSHAFT TIMING CONTROL WITH EDU MOTOR ASSEMBLY LH

- a. Disconnect the 2 camshaft timing control with EDU motor connectors and engine wire clamp.



- b. Remove the 3 bolts and camshaft timing control with EDU motor.

**NOTICE:**

Do not allow foreign matter to contact the oil seal face of the camshaft timing control with EDU motor (connecting surface with timing chain cover).

- c. Remove the O-ring from the timing chain cover.

