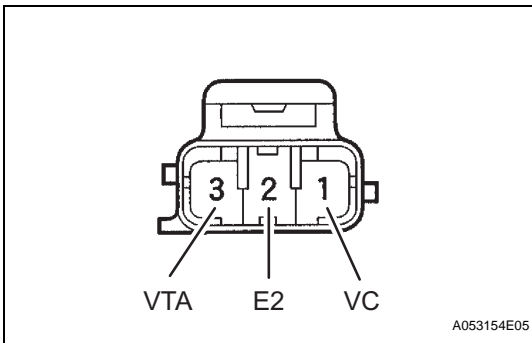
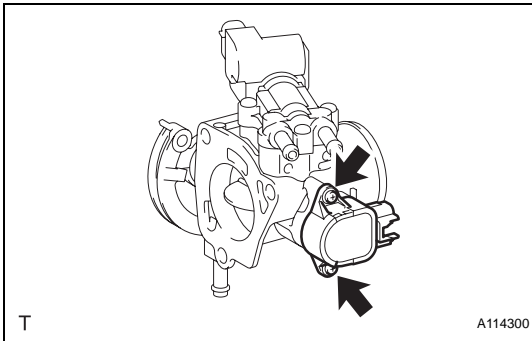


## REMOVAL

1. **DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL**  
**CAUTION:**  
 Wait at least 90 seconds after disconnecting the cable from the negative (-) battery terminal to prevent airbag and seat belt pretensioner activation.
2. **REMOVE THROTTLE BODY ASSEMBLY**  
 (a) Remove the throttle body (see page [ES-346](#)).
3. **REMOVE THROTTLE POSITION SENSOR**  
 (a) Remove the 2 screws and sensor.



## INSPECTION

1. **INSPECT THROTTLE POSITION SENSOR**  
 (a) Measure the resistance of the sensor.  
**Standard resistance**

| Tester Connection | Throttle Valve Position | Specified Condition    |
|-------------------|-------------------------|------------------------|
| 1 (VC) - 2 (E2)   | -                       | 2.5 to 6.0 k $\Omega$  |
| 3 (VTA) - 2 (E2)  | Fully closed            | 0.2 to 11.0 k $\Omega$ |
| 3 (VTA) - 2 (E2)  | Fully open              | 2.0 to 16.0 k $\Omega$ |

If the resistance is not as specified, replace the throttle position sensor.

## INSTALLATION

1. **INSTALL THROTTLE POSITION SENSOR**  
 (a) Install the sensor with the 2 screws.  
**Torque: 2.0 N\*m (20 kgf\*cm, 18 in.\*lbf)**
2. **INSTALL THROTTLE BODY ASSEMBLY**  
 (a) Install the throttle body (see page [ES-347](#)).
3. **CONNECT CABLE TO NEGATIVE BATTERY TERMINAL**

