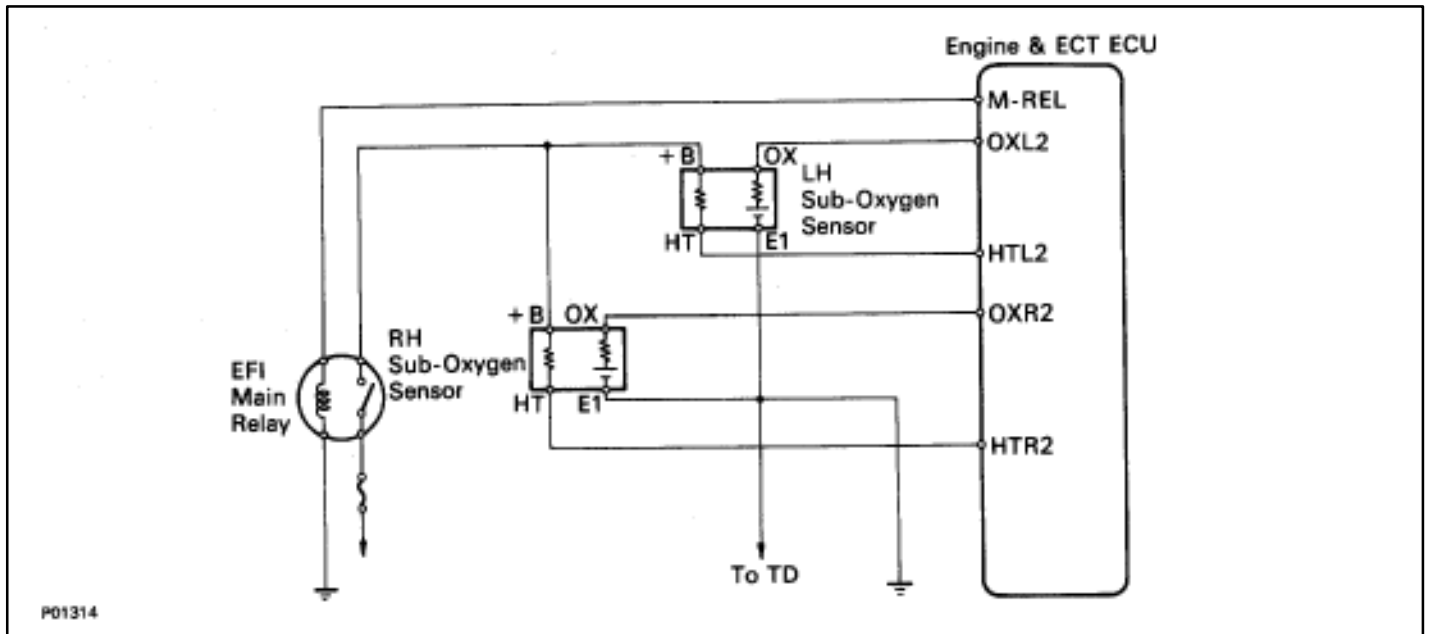
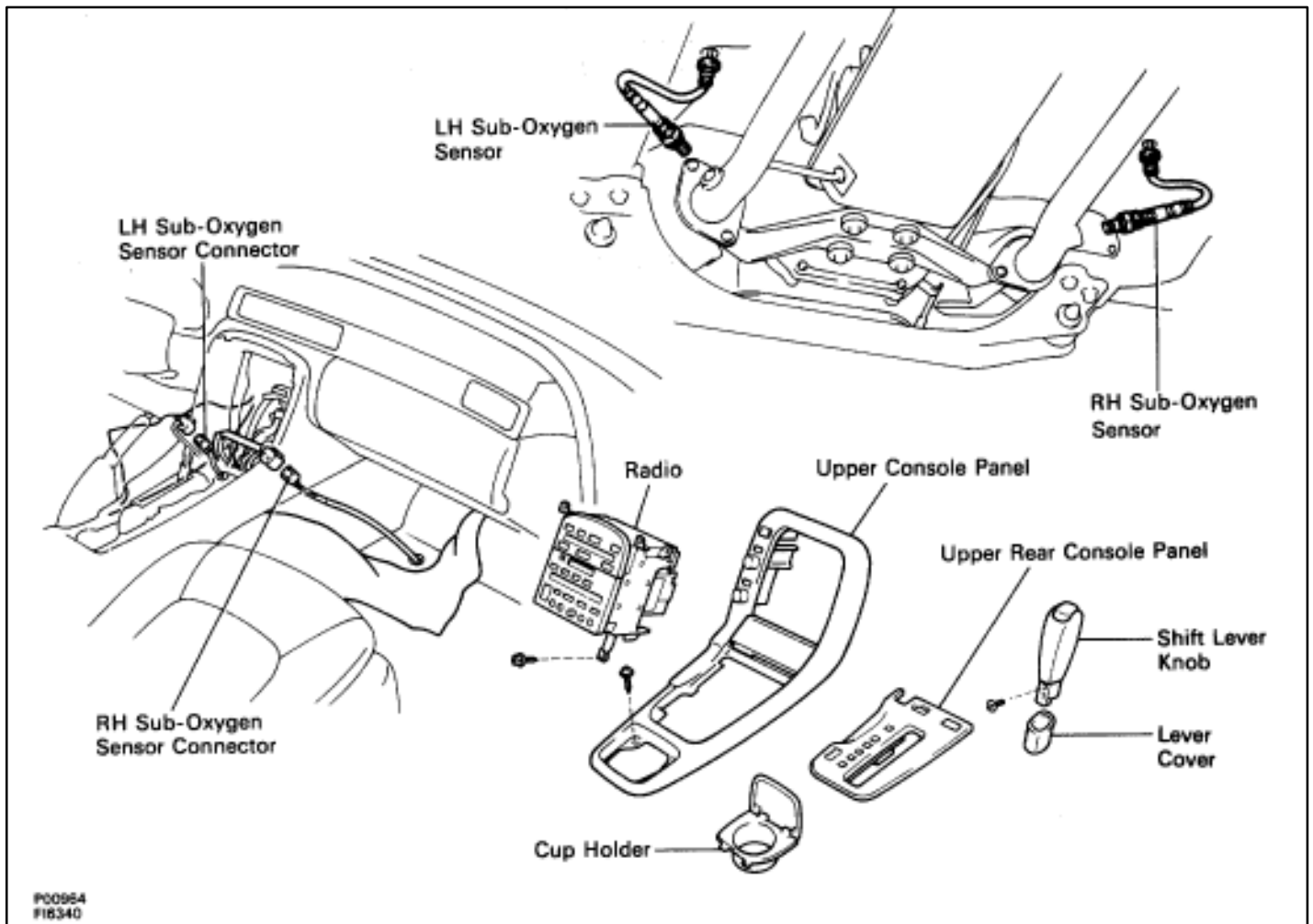


Sub-Oxygen Sensors



COMPONENTS FOR REMOVAL AND INSTALLATION



INSPECTION OF SUB-OXYGEN SENSORS

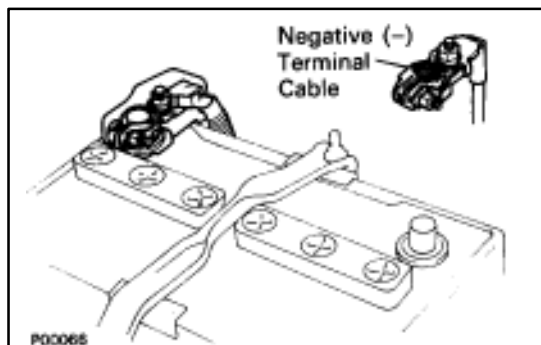
1. INSPECT SUB-OXYGEN SENSORS

- (a) Cancel diagnostic code. (See TR section)
- (b) Allow the engine to warm up to normal operating temperature.
- (c) Drive for 5 minutes or more between 80km/h (50 mph) and 100 km/h (62 mph) in "D" range.
- (d) Following the conditions in step (c), press fully on the accelerator pedal for 2 seconds or more.

HINT: Do not exceed 100 km/h (62 mph), or diagnostic code will be cancelled.

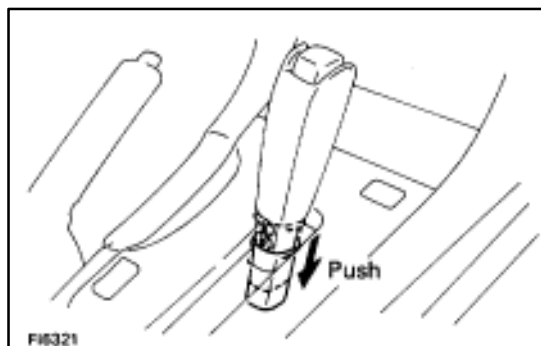
- (e) Stop the vehicle, and turn the ignition switch to OFF.
- (f) Carry out steps (b), (c) and (d) again to test acceleration.

If code No.27 reappears again, check the sub-oxygen sensor circuit. If the circuit is normal, replace the sub-oxygen sensor.



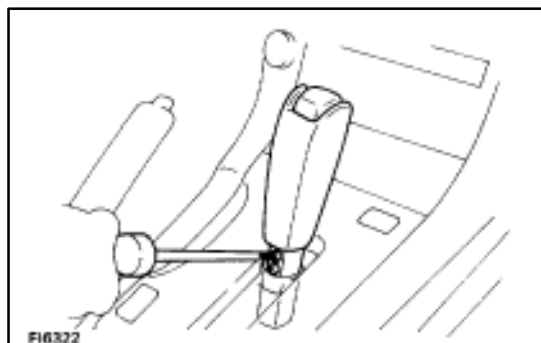
2. DISCONNECT CABLE FROM NEGATIVE TERMINAL OF BATTERY

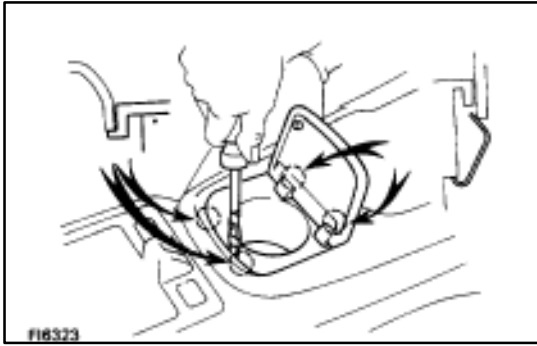
CAUTION: Work must be started after approx. 20 seconds or longer from the time the ignition switch is turned to the "LOCK" position and the negative (-) terminal cable is disconnected from the battery.



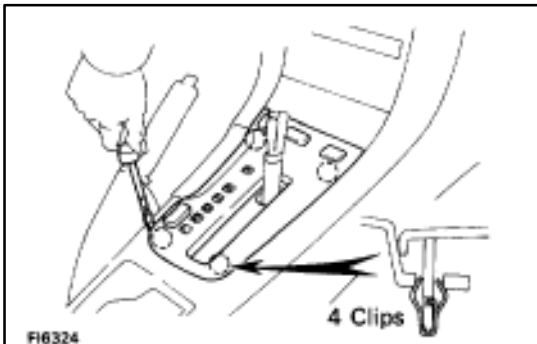
3. REMOVE TRANSMISSION SHIFT LEVER KNOB

- (a) Push down the lever cover.
- (b) Remove the two screws and shift lever knob.
- (c) Remove the lever cover.

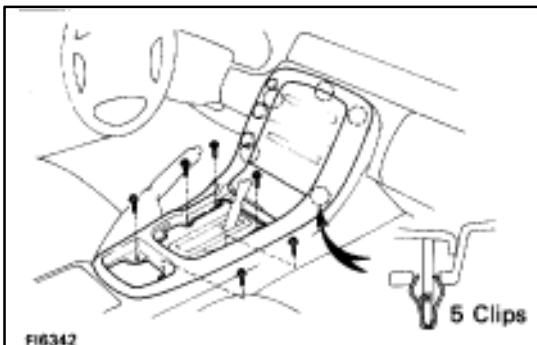


**4. REMOVE CUP HOLDER**

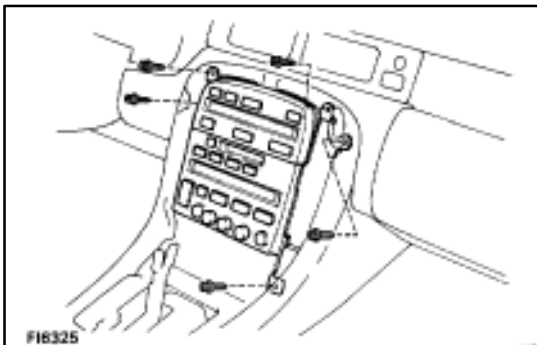
Using a screwdriver, pry out the rear side of the cup holder. Remove the cup holder.

**5. REMOVE UPPER REAR CONSOLE PANEL**

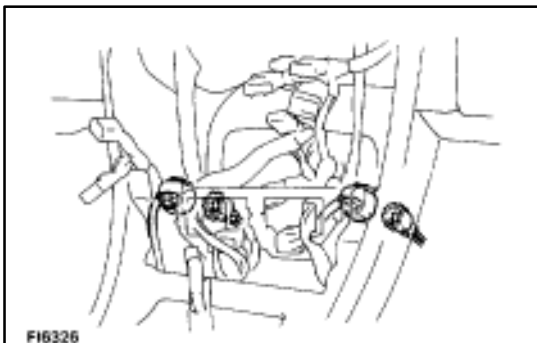
Using a screwdriver, pry out the console panel.

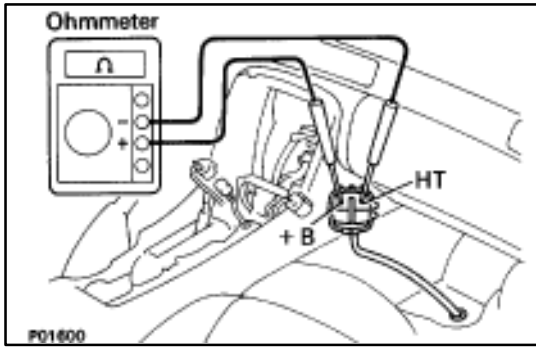
**6. REMOVE UPPER CONSOLE PANEL**

- (a) Remove the six mounting screws.
- (b) Using a screwdriver, pry out the console panel.

**7. REMOVE RADIO**

- (a) Remove the five mounting bolts.
- (b) Disconnect the wiring connectors and antenna cable, and remove the radio.

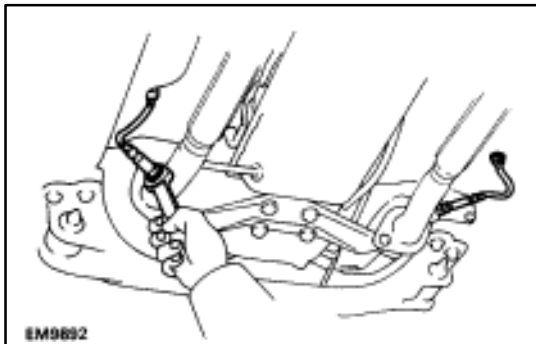
**8. DISCONNECT SUB-OXYGEN SENSOR CONNECTORS**



9. INSPECT HEATER RESISTANCE OF SUB-OXYGEN SENSORS

Using an ohmmeter, measure the resistance between the terminals +B and HT.

Resistance: 5.1–6.3 Ω at 20°C (68°F)

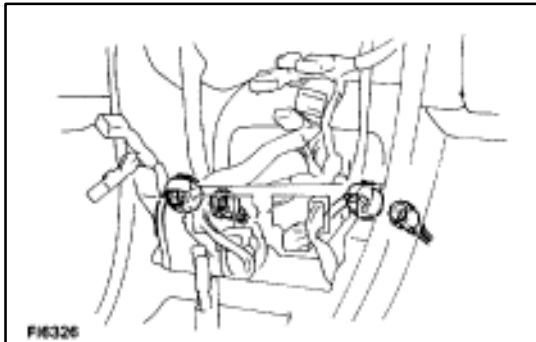


If the resistance is not as specified, replace the sensor as follows:

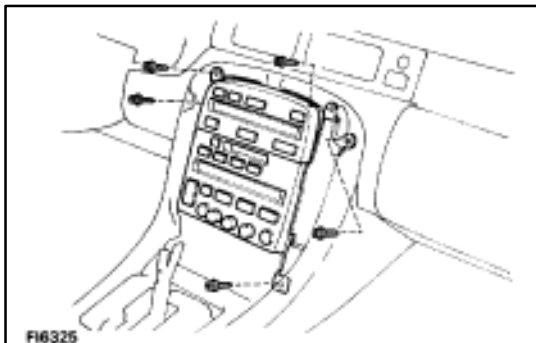
- Disconnect the grommet from the floor panel, and pull out the wire of the sub-oxygen sensor from the floor panel.
- Remove the sub-oxygen sensor.
- Install a new sub-oxygen sensor.

Torque: 44 N·m (450 kgf·cm, 33 ft·lbf)

- Run the wire of the sub-oxygen sensor through the hole in the floor panel.

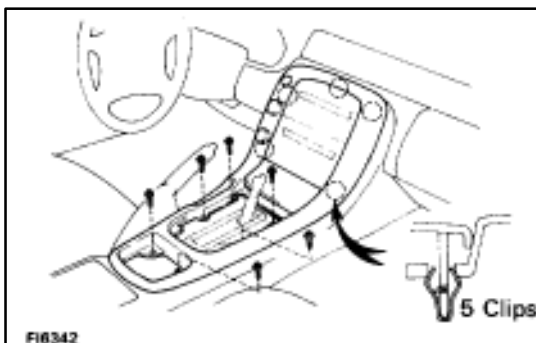


10. RECONNECT SUB-OXYGEN SENSOR CONNECTORS



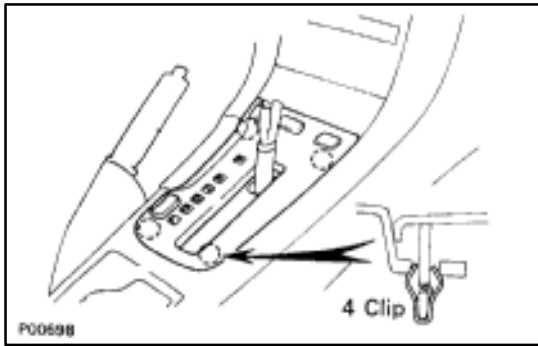
11. REINSTALL RADIO

- Connect the wiring connectors and antenna cable.
- Install the radio with the five bolts.

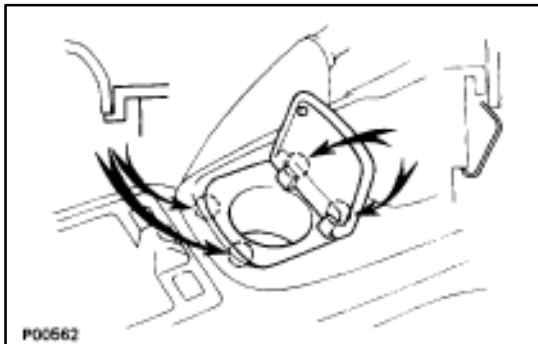


12. REINSTALL UPPER REAR CONSOLE PANEL

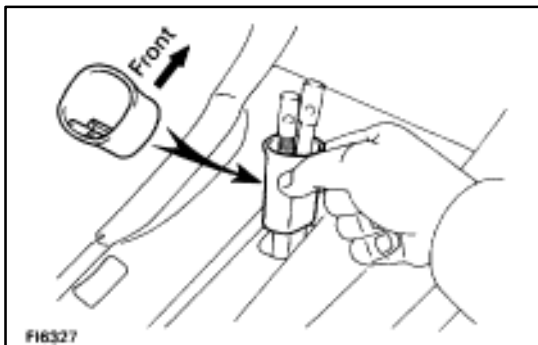
- Fit the console panel to the console box with five clips.
- Install the console panel with the six screws.

**13. REINSTALL UPPER CONSOLE PANEL**

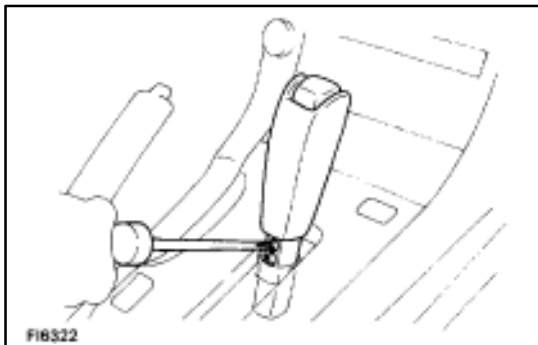
Fit the console panel to the console box with the four clips.

**14. REINSTALL CUP HOLDER**

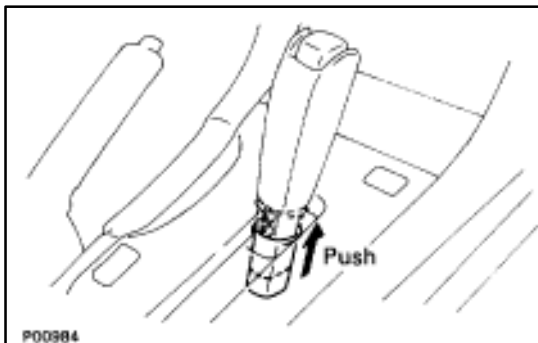
Fit the cup holder to the console box.

**15. REINSTALL TRANSMISSION SHIFT LEVER KNOB**

(a) Slide the lever cover on the lever shaft.



(b) Install the shift lever knob with the two screws.



(c) Attach the lever cover to the lower side of the lever knob.

16. RECONNECT CABLE TO NEGATIVE TERMINAL OF BATTERY