



V8 Sedan & XK8

DATE 11/96
Amended 10/97

414-01

SERVICE

TECHNICAL BULLETIN

Disconnecting Battery – Control Module Operation – Special Procedure

MODEL

1997 MY-ON XK8 Range
1998 MY-ON V8 Sedan

VIN

001001-ON
812256-ON

Remove and destroy Bulletin 414-01, dated 11/96.
Replace with this Bulletin.
Revisions are marked with a bar and in **bold text**.

Issue:

With the introduction of multiplexing on the **XK8 and V8 Sedan Range vehicles**, it is imperative that the vehicle battery is disconnected prior to disconnecting and reconnecting any control module. Failure to follow this procedure could result in permanent damage to the modules and/or a module causing vehicle components to operate.

On XK8 vehicles, the window position memory is lost whenever the vehicle battery is disconnected.

In addition, disconnecting and rapidly reconnecting the vehicle battery can inhibit the operation of the analog clock.

This bulletin describes the proper procedures to follow.

Action:

Always disconnect the battery negative cable before disconnecting or reconnecting any control module. Disconnect the negative cable first and reconnect it last. After disconnecting either or both of the vehicle battery cables, **wait at least 30 seconds** before reconnecting the last cable.

Always make a “clean” final connection. If the cable makes momentary contact only, wait another 30 seconds before trying again.

Once the cables are tightened:

- reset the clock
- on XK8 vehicles, reset the window position memory
- perform the Engine Control Module (ECM) adaptation sequence

RESETTING XK8 DOOR WINDOW POSITION MEMORY

1. Enter the vehicle and ensure that both of the doors are closed.
2. Turn ignition to position II.
3. Lower the driver’s window to its fully open position and hold the switch in the down position for 5 seconds.
4. Raise the window to its fully up position and hold the switch in the up position for 5 seconds.

5. Open the door to verify that the window drops 12 mm. Close the door to verify that the window closes.
6. Repeat the procedure for the passenger door window.

ENGINE CONTROL MODULE (ECM) ADAPTATION

To expedite the adaptive learning process for some functions of the ECM, perform the following procedure:

⚠ Warning: Perform this procedure with the vehicle on a firm surface (not on a lift) after ensuring that no danger exists to surrounding personnel or property.

⚠ Caution: Do not exceed the engine speeds and time durations listed below.

1. Engage P and allow the engine to reach normal operating temperature.
2. Press the A/C button to turn the climate control off.
3. Apply the service and parking brakes, and move the transmission selector lever to D.
4. Allow the engine to idle for an additional 2 minutes.
5. Gradually raise the engine speed to 950 RPM. Hold this speed for 45 seconds.
6. Raise the engine speed to 1200 RPM. Hold this speed for 45 seconds.
7. Raise the engine speed to 1500 RPM. Hold this speed for 30 seconds.
8. Allow the engine to return to idle. Move the selector lever to P and switch off the engine.

Warranty Information:

Control modules damaged as a result of improper handling and/or failure to disconnect the battery during repairs are not covered under warranty.