

Removal & Installation (Coupe, 700 Series & 940)

1) Before proceeding, follow air bag service precautions. See SERVICE PRECAUTIONS. Before replacing crash sensor, check ground connection at crash sensor Black wire terminal retaining screw. If faulty ground connection exists, crash sensor may still be good. Repair as required. Perform SYSTEM OPERATION CHECK to verify repair.

2) Disable SRS. See DISABLING & ACTIVATING AIR BAG SYSTEM. Remove soundproofing panel under steering column. Disconnect seat belt tensioner connectors.

3) Crash sensor is located under driver's seat in same bracket with standby power unit. See Fig. 4. Unbolt driver's seat guide rails from floor. Disconnect seat wiring connectors, and tilt seat rearward. Lift carpet and remove heating duct to expose crash sensor unit. NEVER disconnect harness connector from crash sensor or separate crash sensor from bracket.

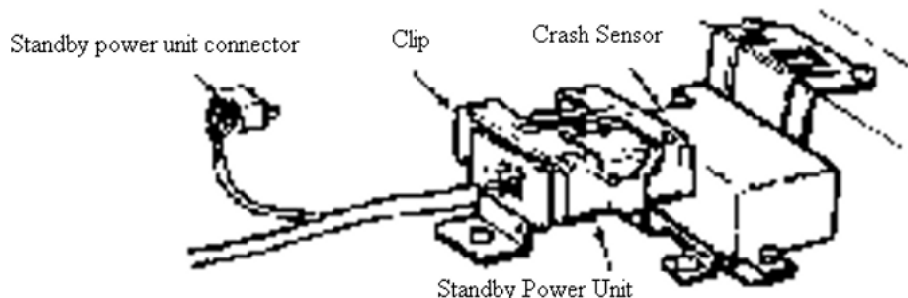


Fig. 4: SRS Crash Sensor & Standby Power Unit
Courtesy of Volvo Cars of North America

4) On 1987-88 models, cut away plastic film from around top of bracket to remove screws, noting locations of 4 washers for reassembly reference. On all models, NEVER disconnect harness connector from crash sensor. Disconnect wiring harness connector from standby power unit, and remove unit from bracket by releasing clip. Remove crash sensor, harness connector and bracket as an assembly.

5) To install, reverse removal procedure. On 1989-91 models, install crash sensor bracket using original bolts without lock washers. On all models, tighten all bolts to specification. See TORQUE SPECIFICATIONS. Ensure all SRS connectors are connected.

6) Reactivate SRS. See DISABLING & ACTIVATING AIR BAG SYSTEM. Check SRS warning light to ensure system is functioning properly. See SYSTEM OPERATION CHECK. If a crash sensor or standby power unit fault code exists after replacing crash sensor or standby power unit, clear codes, and perform SYSTEM OPERATION CHECK again.