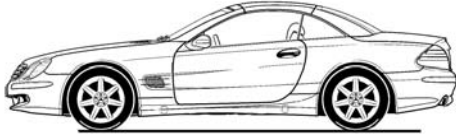




Mercedes-Benz

Name _____

	<p>Skill Module Number: 1-2</p> <p>Subject: Electrical Component Location</p>
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Objective:

At the conclusion of this module, you will be able to:

- Locate electrical components on the vehicle
- Locate CAN connectors on the vehicle

Vehicle and tools required:

- 2003 SL 500 (Electrical vehicle with panels removed)
- Flashlight

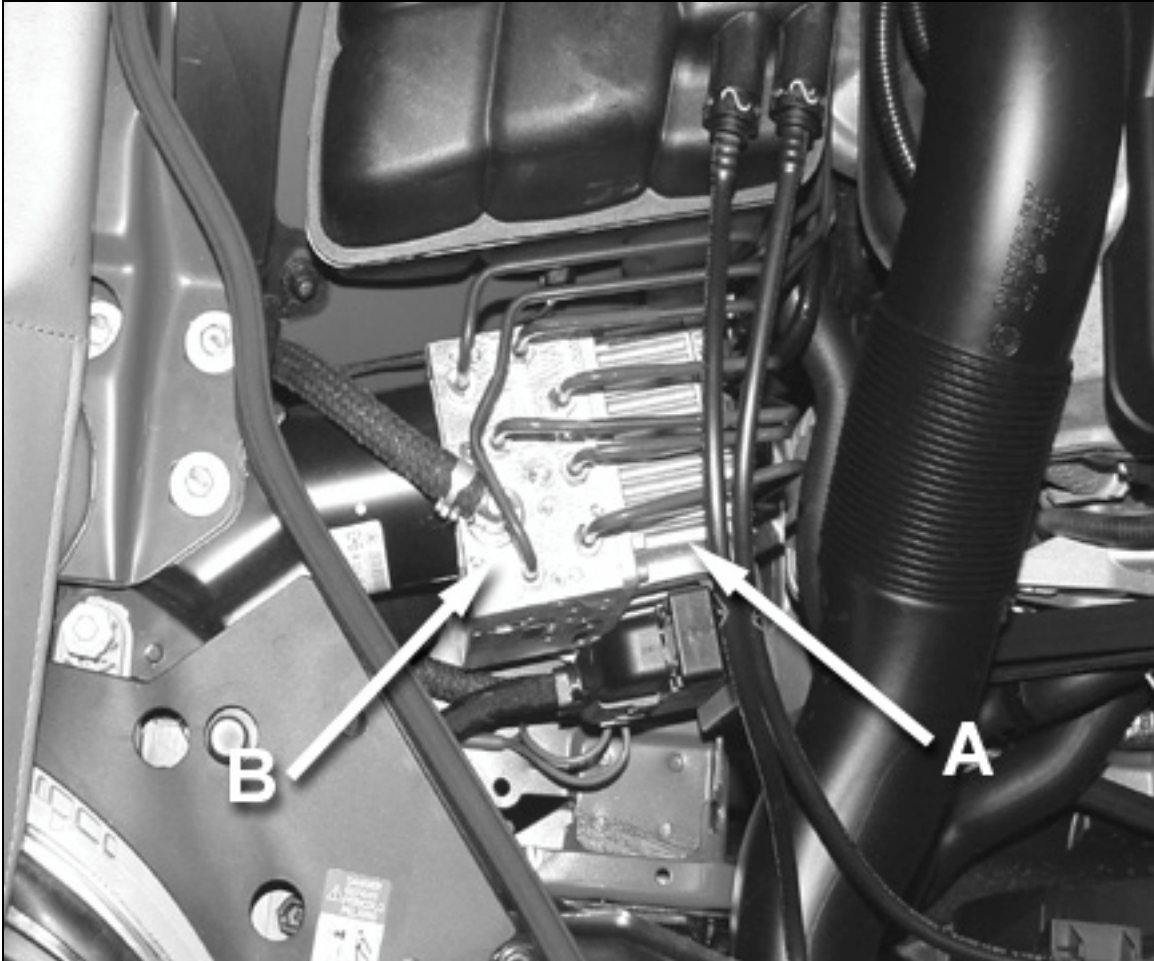
Required material:

Instructions:

1. Follow the instructions and fill in the blanks.
2. Ask your instructor if assistance is needed.
3. Stop at Instructor checkpoints for sign-off.

On the following pages you'll locate components of the vehicle. Match the callouts on the photos to the labeled components on the vehicle. The locations of the vehicle are indicated above each picture.

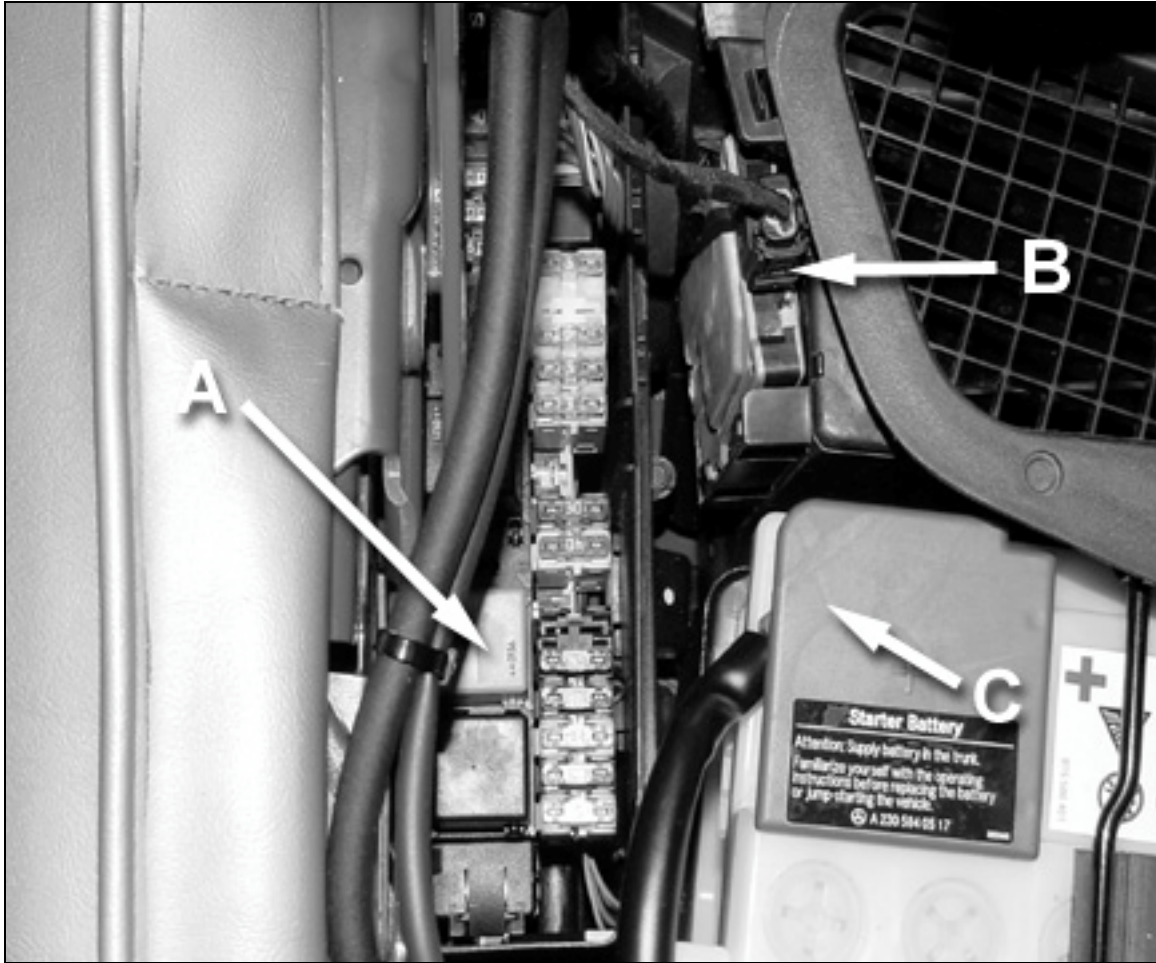
Right Front of Engine Compartment



A. (_____) Sensotronic Brake Control (SBC) control module

B. (_____) Sensotronic Brake Control (SBC) hydraulic unit

Right Rear of Engine Compartment

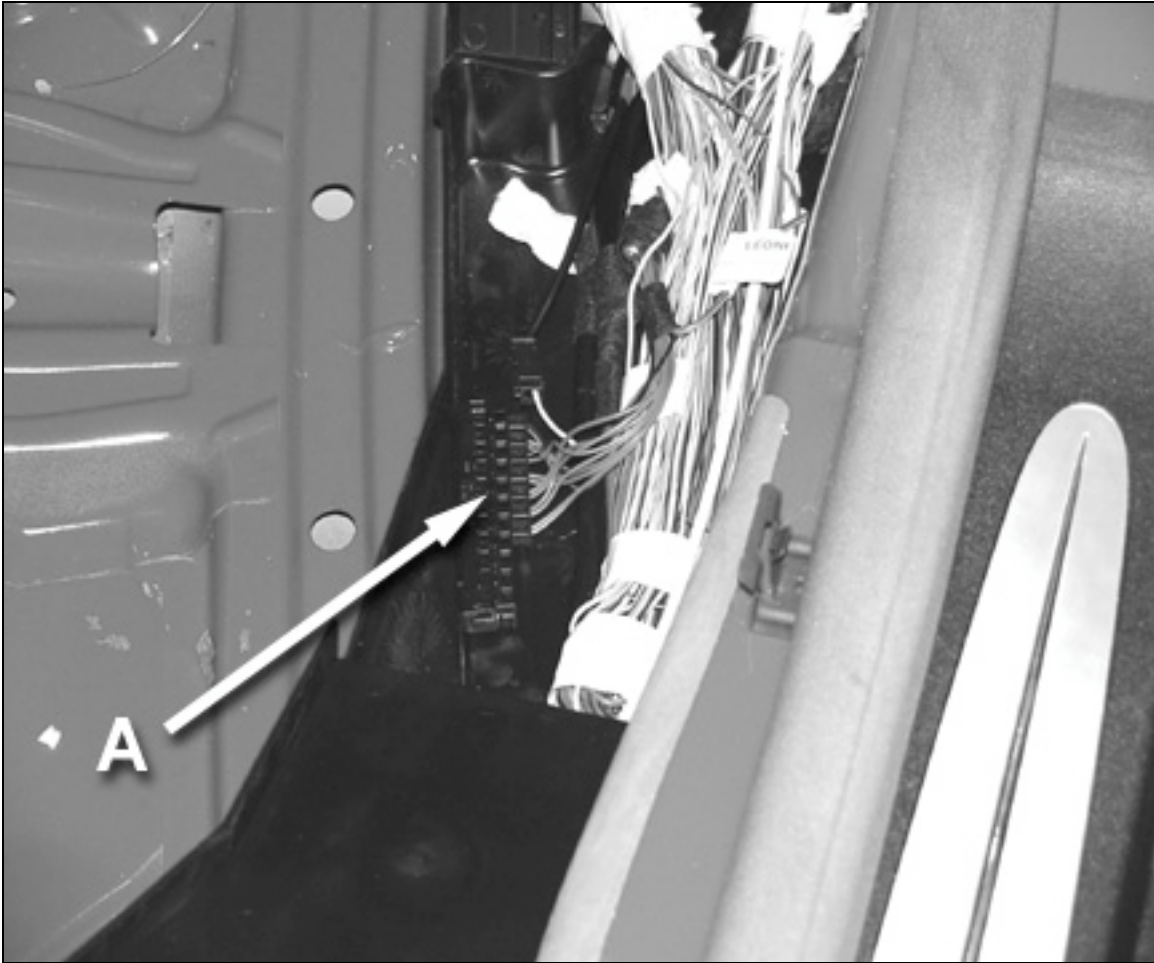


A. (_____) Passenger-side signal acquisition and actuation module

B. (_____) AAC multifunction sensor

C. (_____) Starter battery

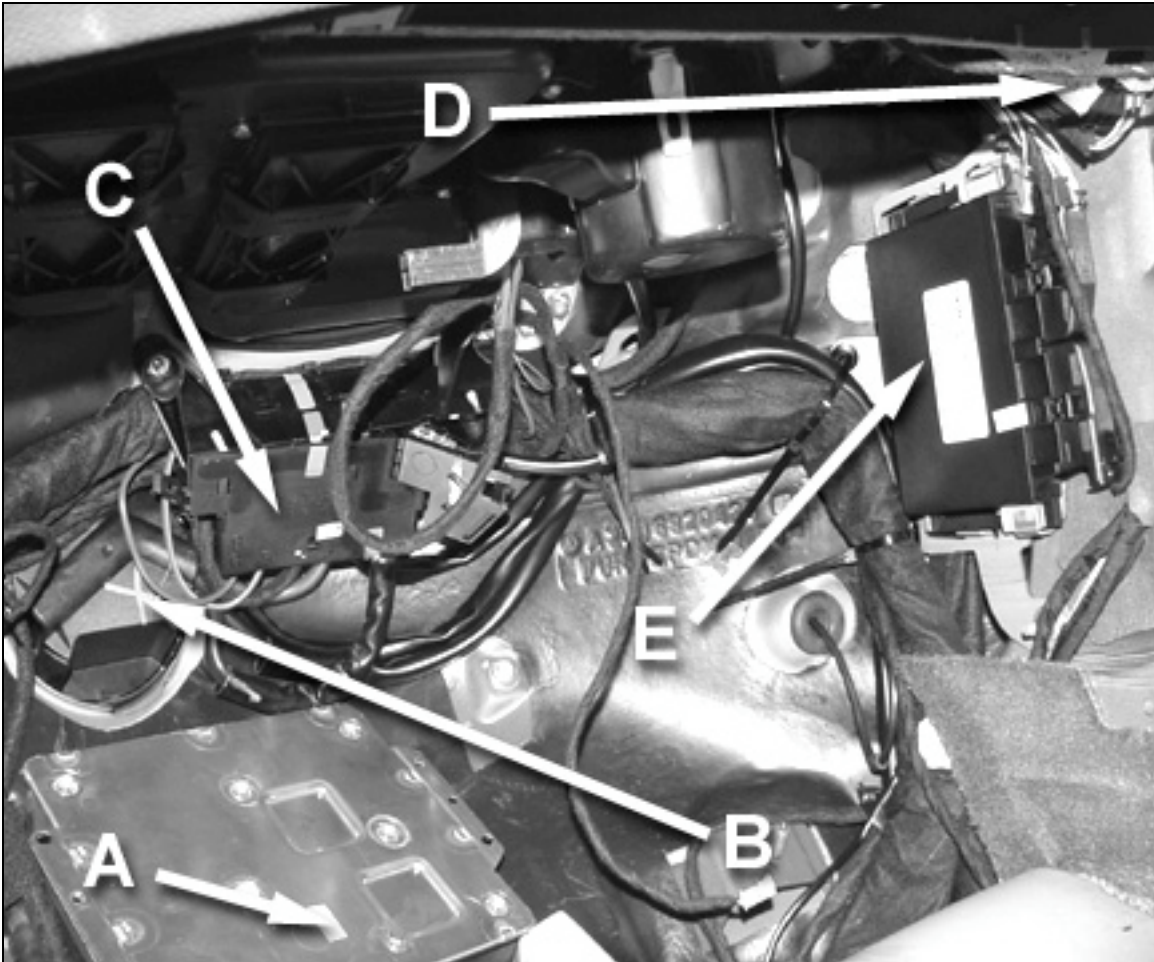
Right Door Sill



A. (_____) Front right CAN-B connector

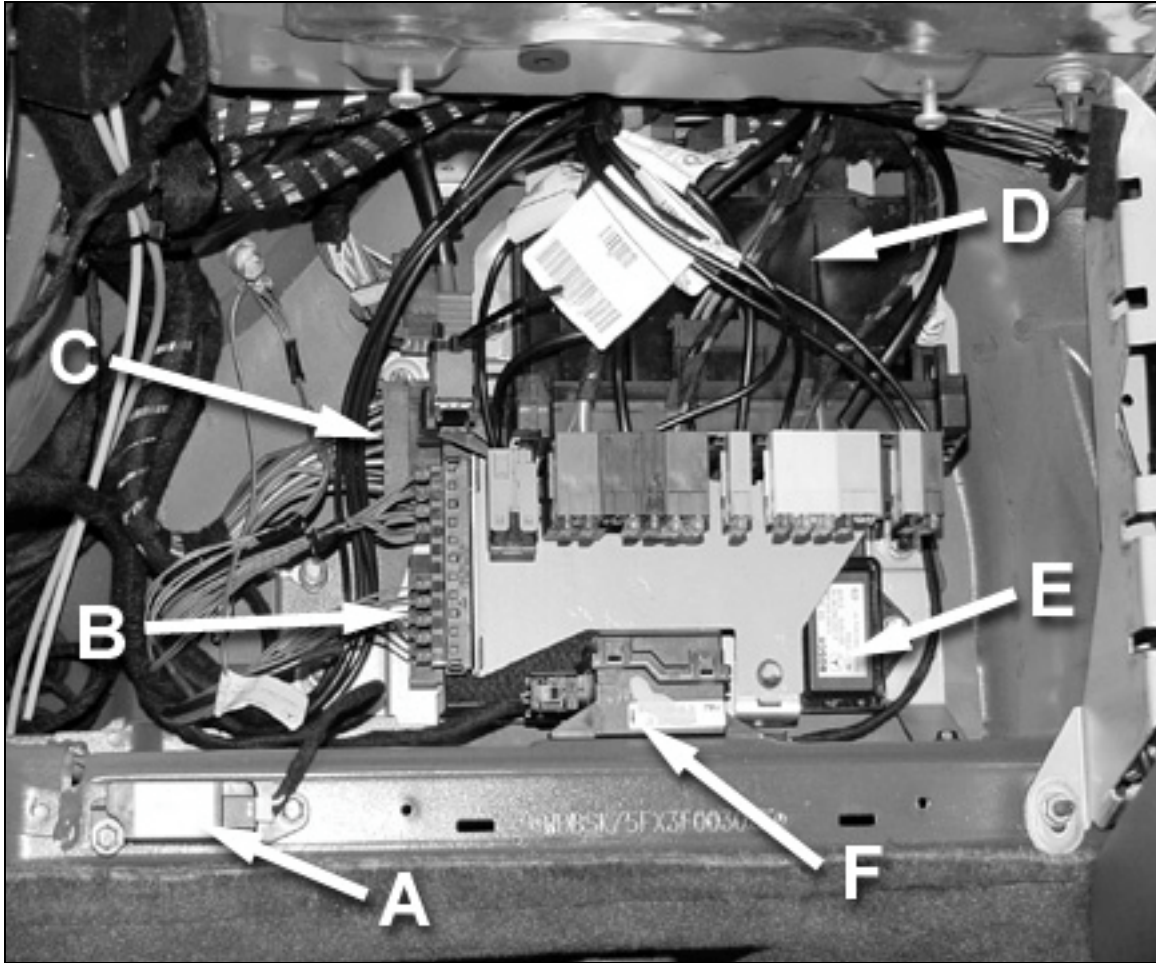
Right Footwell Area

NOTE: The photo below has been taken after disconnecting DISTRONIC control module from passenger footrest, the sub-woofer and folding carpet back.



- A. (_____) DISTRONIC control module
- B. (_____) Through contact fuse
- C. (_____) Front pre-fuse box
- D. (_____) System diagnosis control module
- E. (_____) Electronic transmission control module

Right Rear Storage Area



A. (_____) Side crash sensor

B. (_____) Rear CAN-B connector

C. (_____) Roll bar / Vario roof (RVC) control module

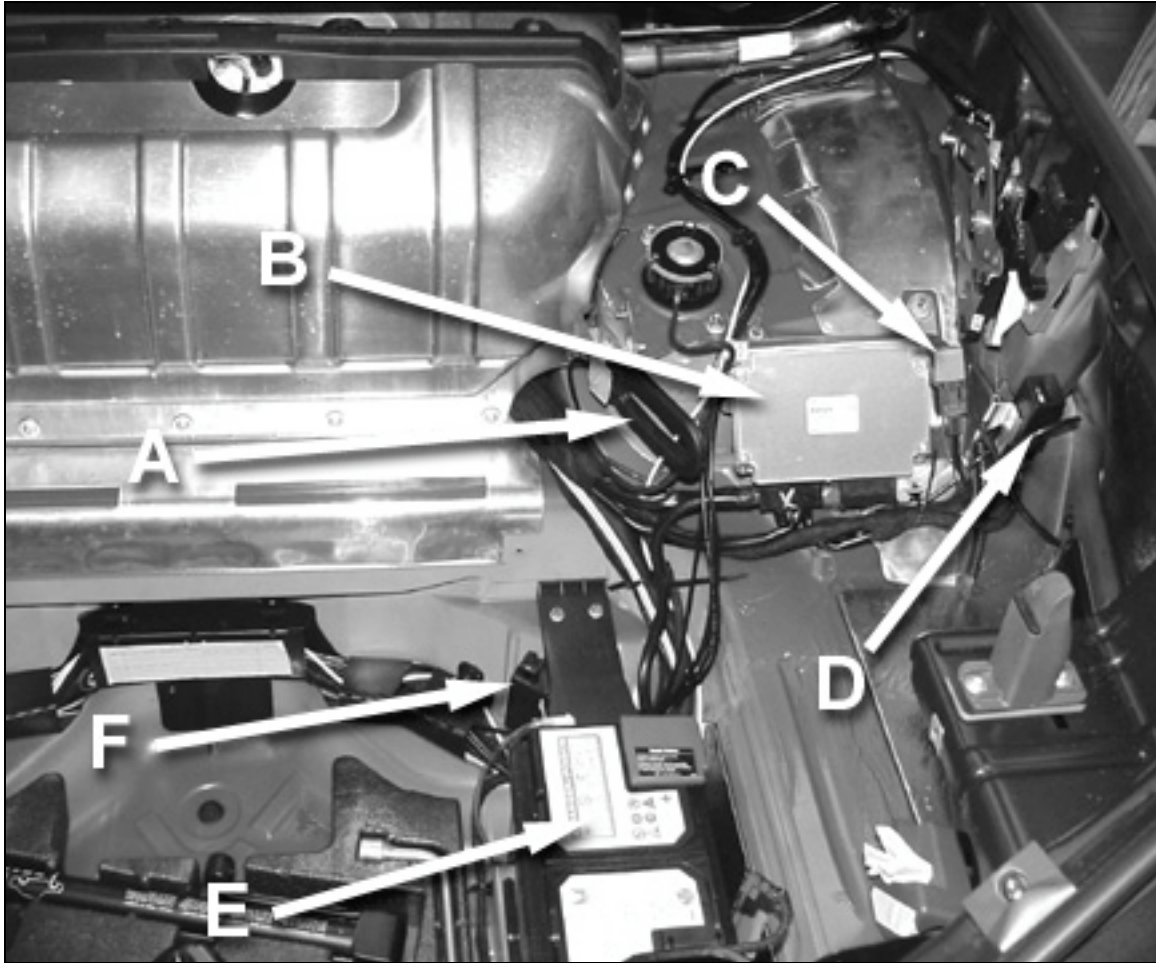
D. (_____) Rear signal acquisition and actuation module (SAM)

E. (_____) Yaw rate sensor

F. (_____) Seat belt lock sensor

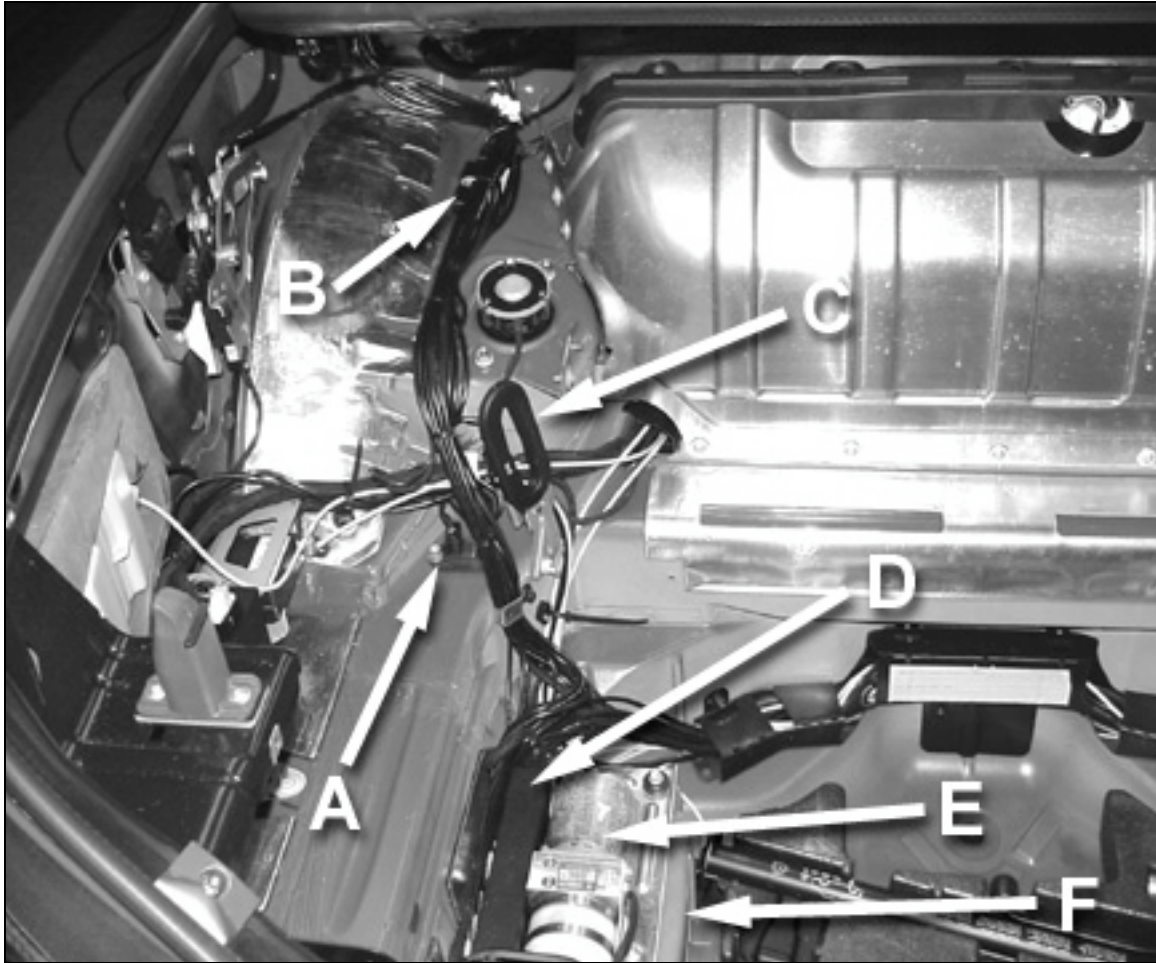
NOTE: The VIN stamping can be found in this area.

Right Side of Trunk



- A. (_____) Passenger side Keyless Go antenna
- B. (_____) Vehicle power supply control module
- C. (_____) Battery cut-off relay
- D. (_____) Battery isolation relay
- E. (_____) On-board electrical system battery
- F. (_____) Rear pre-fuse box

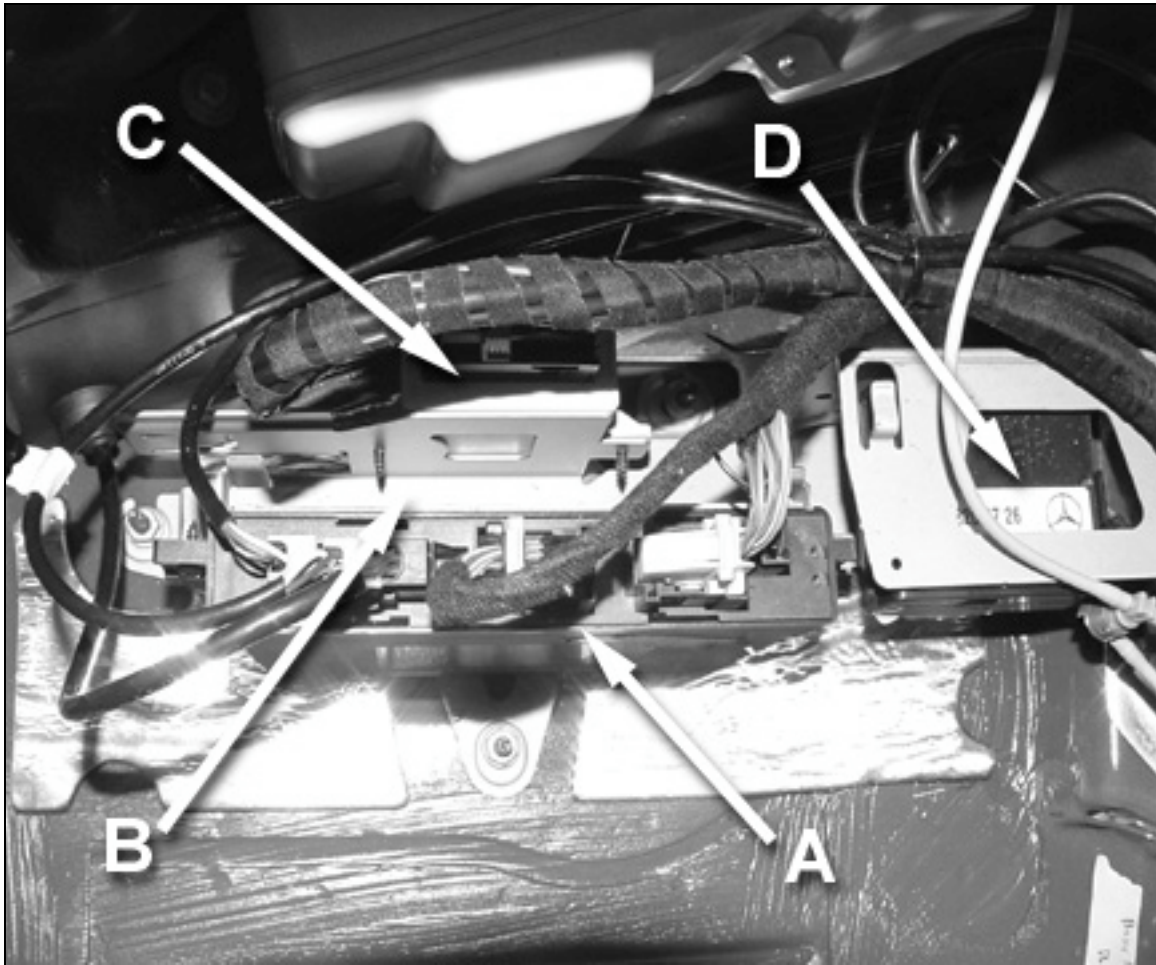
Left Side of Trunk



- A. (_____) Body acceleration sensor
- B. (_____) AM antenna amplifier
- C. (_____) Driver side Keyless Go antenna
- D. (_____) Rollover bar / Vario roof valve block
- E. (_____) Rollover bar / Vario roof hydraulic unit
- F. (_____) Pneumatic systems equipment (PSE)

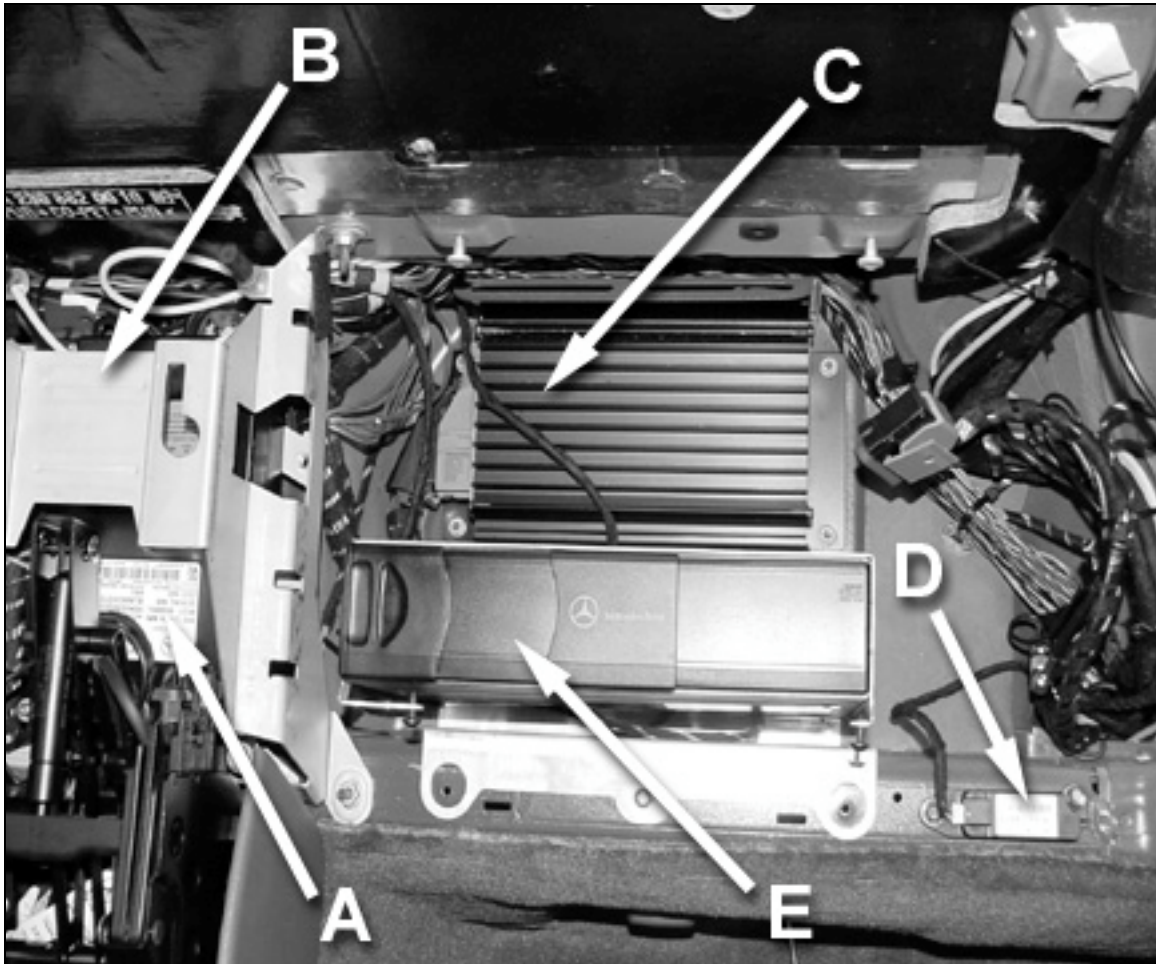
Left Side of Trunk Detail

NOTE: Top of photo is the left rear quarter panel.



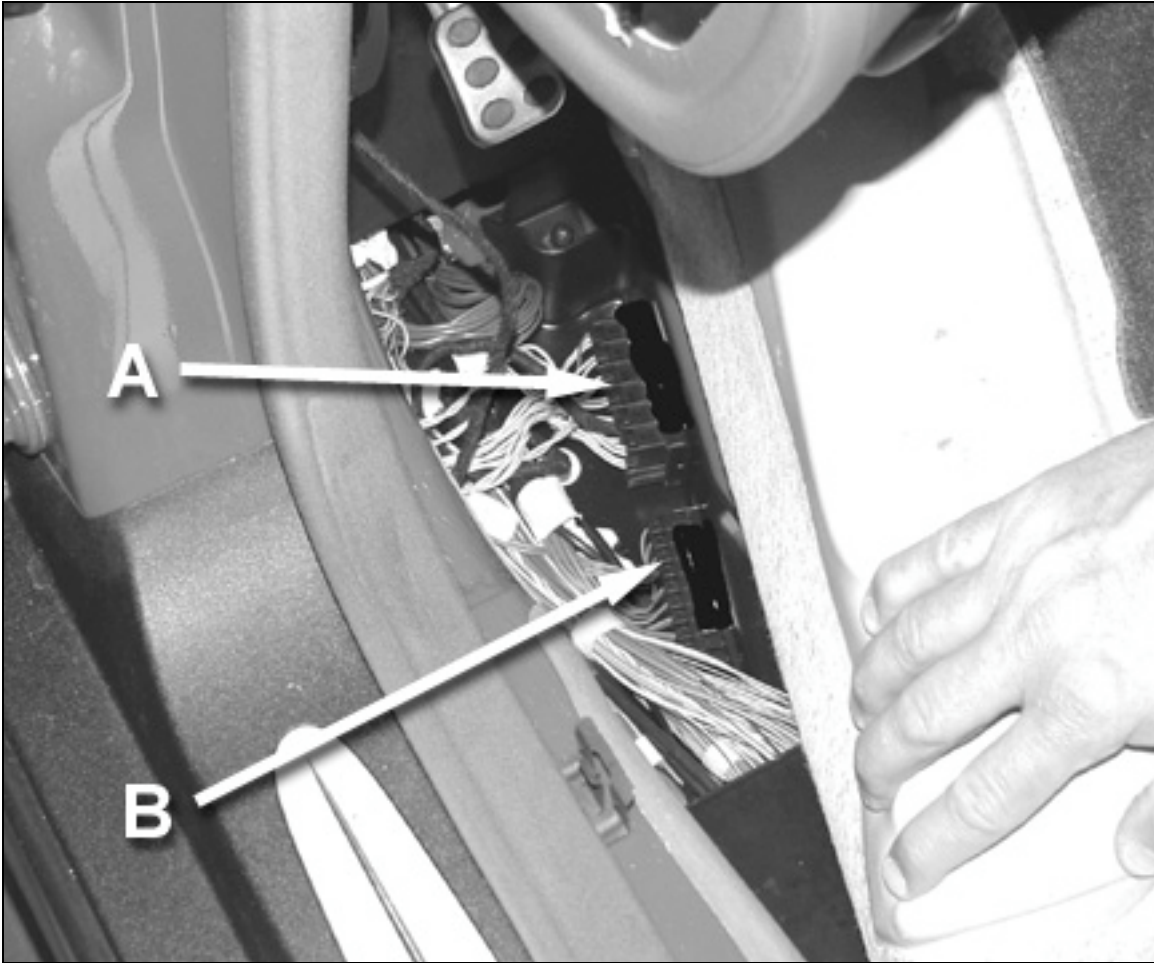
- A. (_____) Keyless Go control module (optional)
- B. (_____) Parktronic control module (optional/only location shown)
- C. (_____) Tire pressure monitoring control module (optional)
- D. (_____) Tow sensor

Left Rear Storage Area



- A. (_____) TELE-AID transmitter / receiver
- B. (_____) Voice control system control module (optional/location shown)
- C. (_____) Sound amplifier
- D. (_____) Side crash sensor
- E. (_____) CD changer

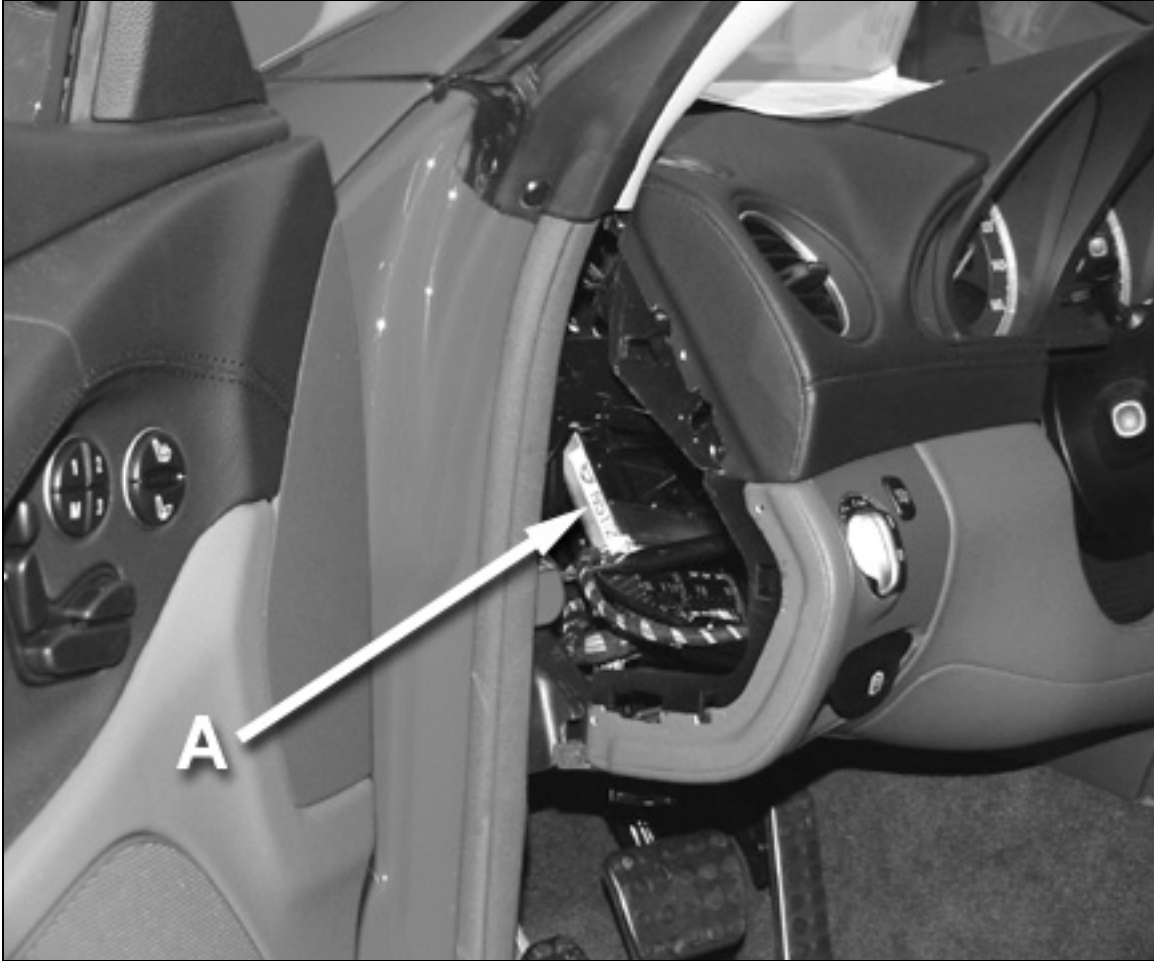
Left Door Sill



A. (_____) Front left CAN-C connector

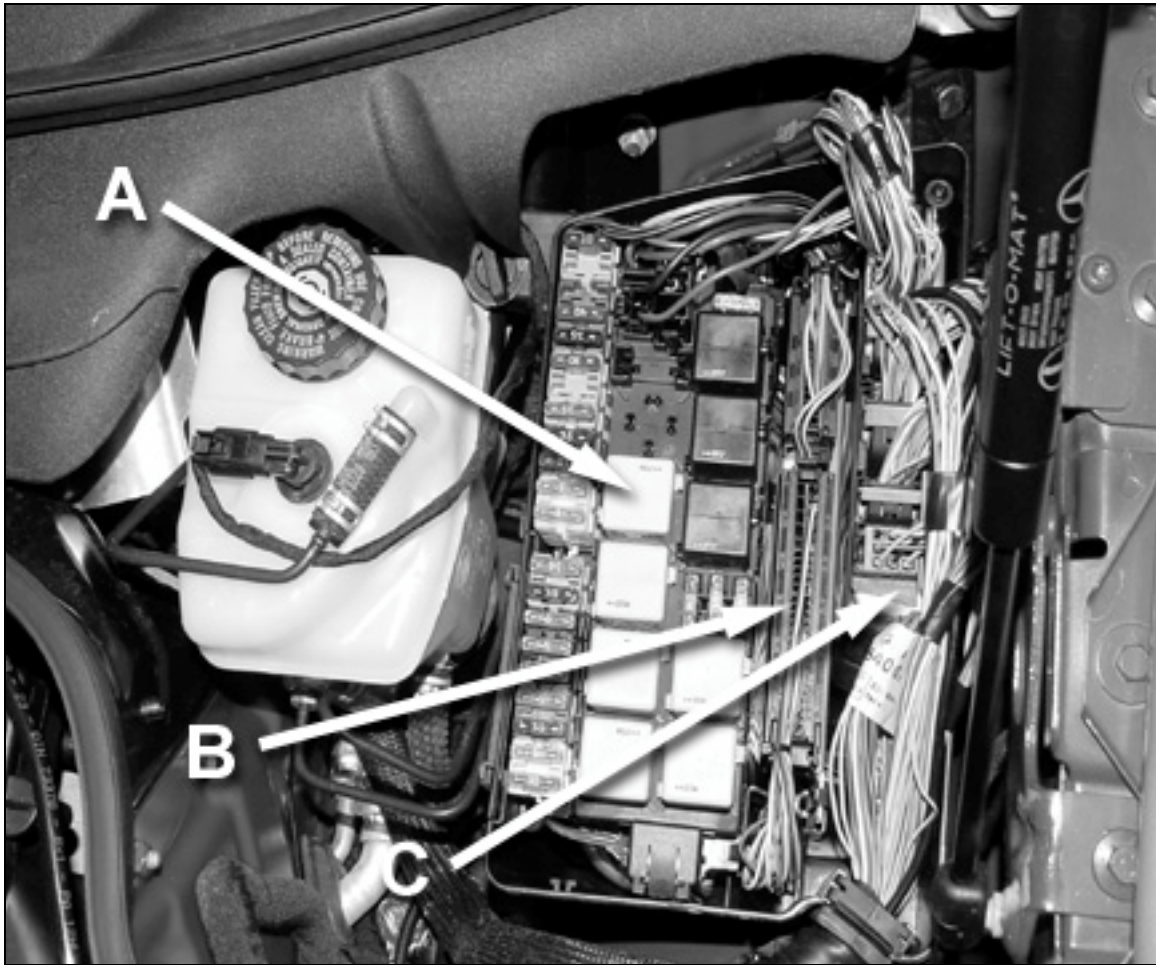
B. (_____) Front left CAN-B connector

Left End of Dash



A. (_____) ABC control module

Left Rear of Engine Compartment



A. (_____) Driver-side signal acquisition and actuation module (SAM)

B. (_____) ESP, SPS and BAS [ESP, PML and BAS] control module

C. (_____) ME-SFI [ME] control module

If you have noticed any parts that need to be replaced on this vehicle, please inform your instructor now.

Instructor check point _____