

VOLVO

2000-10 S40

PRECAUTIONS

Warning: Batteries produce explosive hydrogen gas. Do not allow open flames, burning materials, or sparks near the battery.

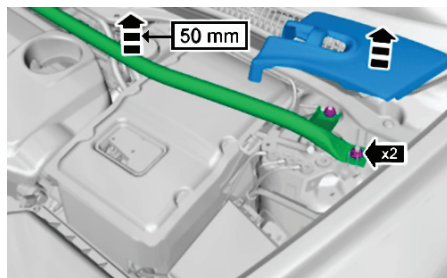
Warning: Batteries contain sulfuric acid. Avoid contact with skin, eyes or clothing. Wear safety goggles when working near the battery to protect against possible splashing of the acid solution.

Warning: If acid is swallowed, rinse the mouth with plenty of water and then drink plenty of water or milk. Do not induce vomiting. Seek immediate medical attention.

Warning: When charging the battery, protect face and wear safety goggles. Ensure adequate ventilation.

Warning: In principle, all batteries can cause serious injury if they are short-circuited by, for example, jewelry or metal tools.

Warning: The Supplemental Restraint System (SRS) is active for a certain length of time after the power supply has been disconnected. Wait for a minimum of 3 minutes before disconnecting or removing any SRS components.



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Fig. 1 Brace bar removal

Warning: When switching the ignition on for the first time after a battery disconnect and connect, stand outside the vehicle and reach into the vehicle, keeping clear of the air bags operating areas.

Caution: Boost charging with excessive current or voltage above 16 volts will damage the battery.

BATTERY Removal

1. Record radio anti-theft code and station presets.
2. Turn off all lamps and accessories.
3. Turn ignition switch to OFF position.
4. Remove brace bar covers, **Fig. 1**.

5. Remove brace bar, **Fig. 1**.
6. Remove battery cover in direction of arrow, **Fig. 2**.
7. Loosen battery ground terminal clamp, and remove battery ground cable.
8. Loosen battery positive cable clamp, and remove battery positive cable.
9. Remove battery outer cover.
10. Remove battery bracket mounting bolts, **Fig. 3**.
11. Remove battery bracket.
12. Remove battery from vehicle.

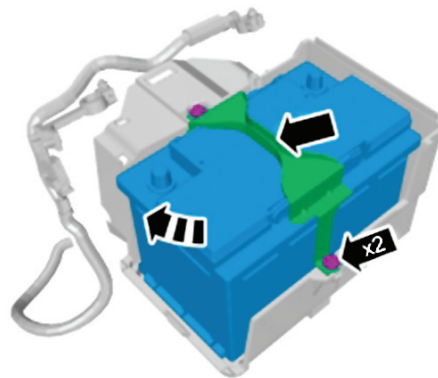
Installation

1. Install battery into position.
2. Install bracket, and **torque** mounting bolts to 88 inch lbs., **Fig. 3**.
3. Install battery outer cover.
4. Install battery positive cable and tighten clamp.
5. Install battery ground cable and tighten clamp.
6. Install battery cover, **Fig. 2**.
7. Install brace bar, and **torque** bolts to 17 ft. lbs.
8. Install brace bar cover.
9. Reset all preset and theft codes previously recorded to radio.
10. Completely open and close all power windows.
11. Inspect any affected system or component such as clock, comfort adjustment, or compass for proper settings, and adjust as required.



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Fig. 2 Battery cover removal



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Fig. 3 Battery removal

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