

Volvo Truck Ground

Idle Free has discovered that Volvo protects their truck cab circuitry by use of a fusible link on the ground side of the DC alternator circuit.

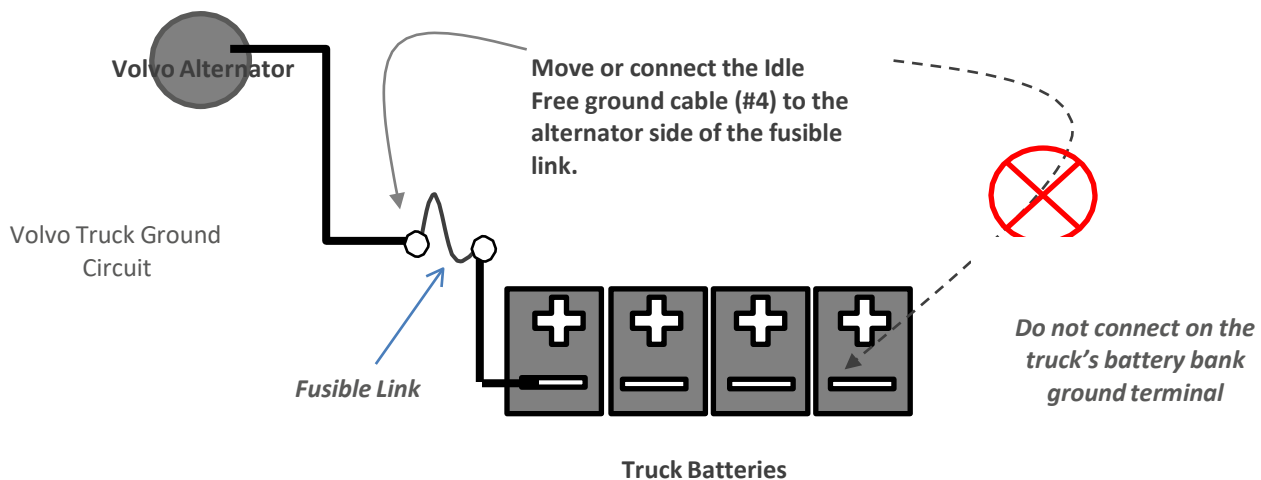
Idle Free knew that Volvo uses such a device, but did not know that the fusible link specified was based on the size of the alternator.

Volvo recently downsized their DC cable (2 sizes) for their fusible link.

This issue relates to the voltage drop seen across this fusible link as it relates to adequate AGM battery charging.

A voltage drop is clearly evident when a larger alternator is used on a truck that has a fusible link.

If your customers have Volvo trucks, move the Idle Free ground cable be moved to the alternator side of the Volvo DC fusible link.



The Volvo Fusible link is located behind the truck's battery bank on the truck's frame.