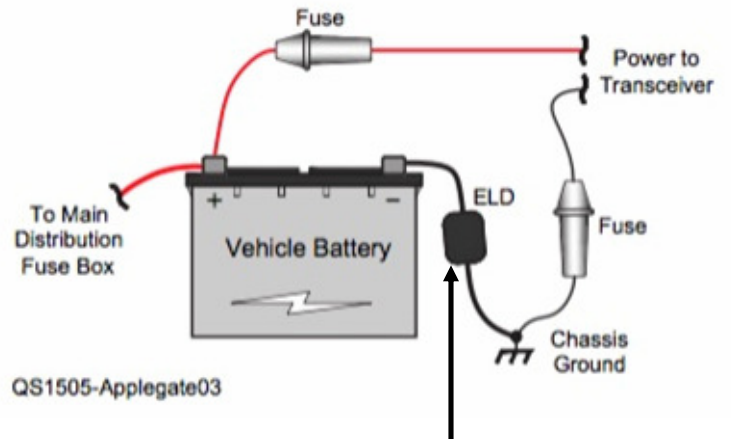
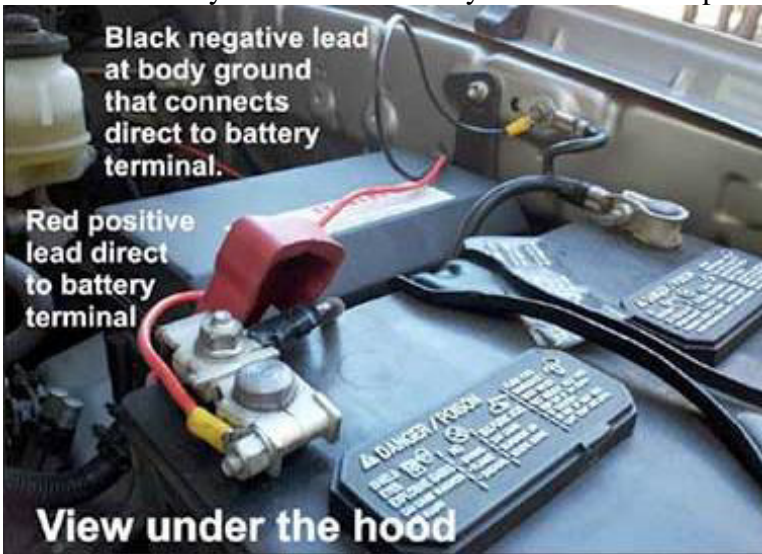


Mobile Radio Installation Procedures

This is how you have been told to connect your mobile radio power to your automobile battery.



This is how you should connect your mobile radio power to your automobile battery.



ELD – Electrical Load Detector
IBS – Intelligent Battery Sensor

Honda automobiles built after around 1995 are different from other vehicles. The Hondas have a true Electrical Load Detector (ELD) built into the main fuse panel under the hood. It monitors most of the current through the positive (+) battery post. Since it is built into the fuse panel and since it monitors only most of the current from your battery you may connect your radio's positive, or red, lead directly to your battery's positive (+) post.

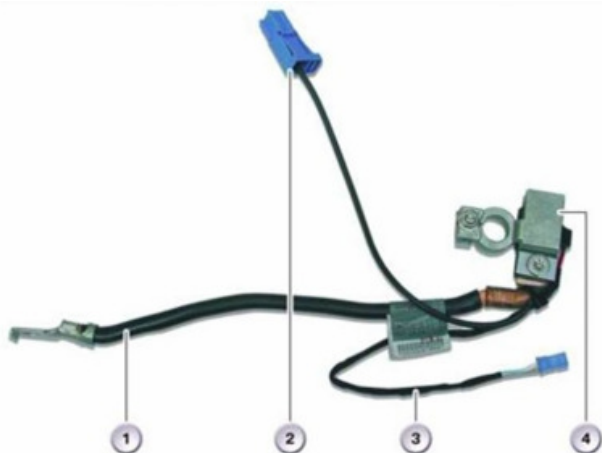
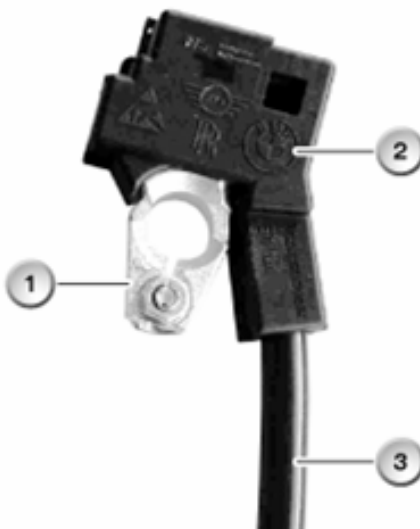


Mobile Radio Installation Procedures

Most other modern vehicles use an Intelligent Battery Sensor (IBS) between the battery's negative, or (-), post, and the vehicle's frame. Usually all battery current will pass through the IBS including the starter current.

In other words connect all mobile radios the same way. Connect your radio's positive, or red, lead through a fuse and then directly to your battery's positive, or (+), post. Connect your radio's negative, or black, lead to the vehicle frame. Usually this connection is at the same point where the battery's negative, or (-), lead connects to the frame. The use of a fuse on the radio's negative, or black, lead is optional.

Below are some images of real life IBS's.



Index	Explanation
1	Battery Ground Lead
2	B+ Connection for IBS
3	Bit Serial Data Interface (BSD)
4	Intelligent Battery Sensor (IBS)