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REF: Electrical System - Sub-03B

Re-Routing 2004-13 Battery Cables

Ground cable on rubbermounts: You can re-route the ground from the top of the crankcase to the earth post at top of primary inner. ¹⁾

There is no need to buy a new lead as the original is plenty long enough.

Plus this way, the battery just slides out, nice and easy. ²⁾



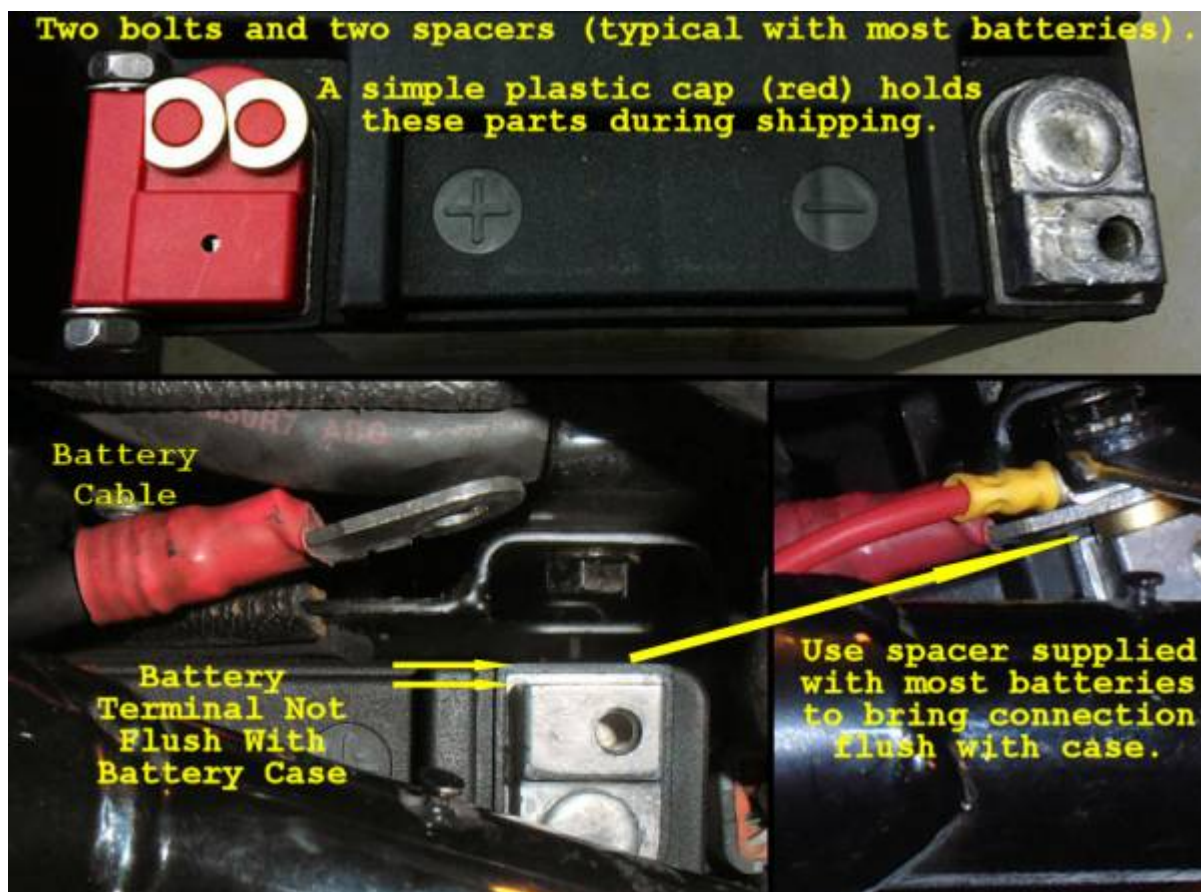
Battery Cable Connection

The HD brand batteries are made to HD specs. This includes making the battery cable connection flush with the case of the battery. This allows the stock battery cables to be flush mounted to the battery case & terminal.



HD OEM Battery has cable terminals flush with case.

But almost all aftermarket batteries have a recessed cable connection. It is not flush with the battery case, but rather is recessed about 3/16' of an inch. However, most batteries also come with spacers that allow the HD-style flush mounting of the cables.



Two bolts and two spacers (typical with most batteries).

A simple plastic cap (red) holds these parts during shipping.

Battery Cable

Battery Terminal Not Flush With Battery Case

Use spacer supplied with most batteries to bring connection flush with case.

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1)

harley506d of the XLFORUM

<https://www.xlforum.net/forum/sportster-motorcycle-forum/sportster-motorcycle-electrical/sportster-motorcycle-electrical-and-ignition/197674-earth-lead-route?t=2074349>

2)

Toejam503 of the XLFORUM

<https://www.xlforum.net/forum/sportster-motorcycle-forum/sportster-motorcycle-electrical/sportster-motorcycle-electrical-and-ignition/197674-earth-lead-route?t=2074349>

3)

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4) 5)

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6)

Pic from IXL2Relax

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