



**SDHQ Motorsports**  
**190 S McQueen Rd**  
**Ste 109 Gilbert, AZ 85233**  
**Phone: 480-633-2929**

## Product Packing List

**Product:** *SDHQ-02-3003-C2*

**Description:** SDHQ Built Complete Billet Battery Terminal Kit

- |       |   |                        |
|-------|---|------------------------|
| _____ | (1) Billet Positive Battery Terminal          | SDHQ-02-3003-T2-P-Rev2 |
| _____ | (1) Billet Negative Battery Terminal          | SDHQ-02-3003-T2-N-Rev2 |
| _____ | (1) SDHQ Terminal Stud                        | SDHQ-02-3003-T2-A      |
| _____ | (1) Hardware Package                          | SDHQ-02-3003-T2-B      |
| _____ | (1) Positive Battery Protective Boot          |                        |
| _____ | (1) Negative Battery Protective Boot          |                        |
| _____ | (1) Red Post Washer                           |                        |
| _____ | (1) Black Post Washer                         |                        |
| _____ | (2) 5/16" - 18 x 1 1/2" Battery Terminal Bolt |                        |
| _____ | (2) 5/16" - 18 Battery Shoulder Nut           |                        |
| _____ | (4) 1/4" - 20 x 1/2" S.S. Hex Head Bolt       |                        |
| _____ | (4) 1/4" S.S. Washer                          |                        |
| _____ | (2) 5/16" - 18 x 1" S.S. Hex Head Bolt        |                        |
| _____ | (2) 5/16" S.S. Washer                         |                        |
| _____ | (2) 3/8" - 16 x 2" S.S. Hex Head Bolt         |                        |
| _____ | (4) 3/8" S.S. Washers                         |                        |
| _____ | (2) 3/8" - 16 S.S. Nuts                       |                        |
| _____ | (1) Small Tube of Anti-Seize                  |                        |

**Inspected and Packaged By:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**For questions or help with the installation, please call SDHQ Offroad @ 480-633-2929  
Mon.–Fri. 8:00am–5:30pm and Sat. 8:00am–3:30pm Arizona Time. [www.sdhqoffroad.com](http://www.sdhqoffroad.com)**

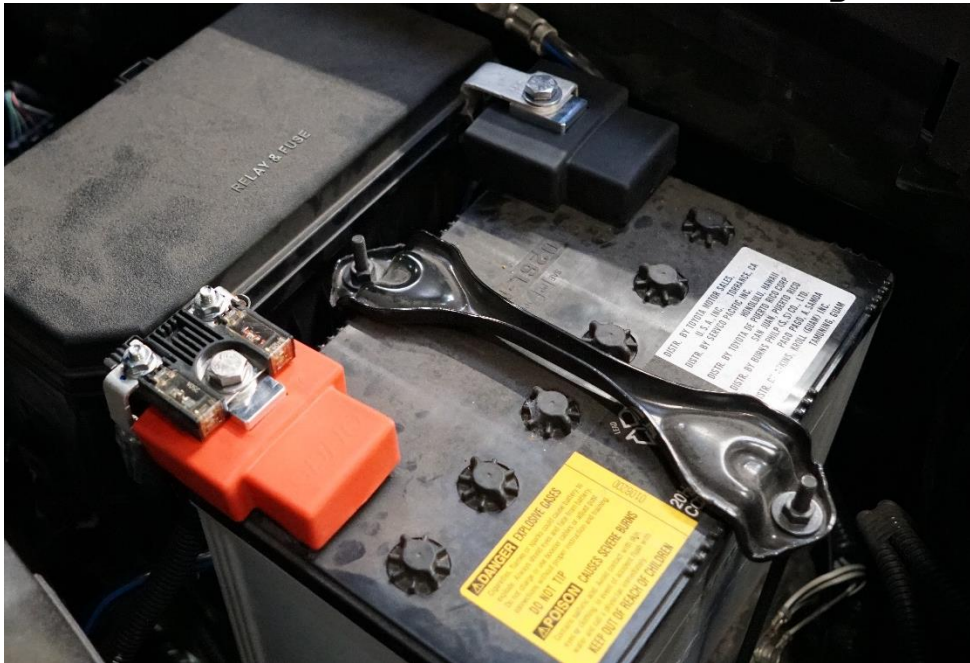


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## INSTALLATION INSTRUCTIONS

**Product:** SDHQ-02-3003-C2

**Description:** SDHQ Built Complete Billet Battery Terminal Kit



<u>Parts List</u>	<u>Hardware List</u>	<u>Required Tools</u>
(1) SDHQ Positive Battery Terminal SDHQ-02-3003-T2-P-Rev2 (1) SDHQ Negative Battery Terminal SDHQ-02-3003-T2-N-Rev2 (1) SDHQ Terminal Stud SDHQ-02-3003-T2-A (1) Hardware Package SDHQ-02-3003-T2-B	(1) Positive Terminal Protective Boot (1) Negative Terminal Protective Boot (1) Red Post Washer (1) Black Post Washer (2) 5/16" – 18 x 1 1/2" Battery Terminal Bolt (2) 5/16" – 18 Battery Shoulder Nut (4) 1/4" – 20 x 1/2" S.S. Hex Head Bolt (4) 1/4" S.S. Washers (2) 5/16" – 18 x 1" S.S. Hex Head Bolt (2) 5/16" S.S. Washer (2) 3/8" – 16 x 2" S.S. Hex Head Bolt (4) 3/8" S.S. SAE Washer (2) 3/8" – 16 S.S. Nuts (1) Small Tube of Anti-Seize	7/16", 1/2", 9/16" Sockets 10mm, 12mm Sockets Ratchet 9/16" Wrench Rubber Mallet Pliers

### Tech Notes

Apply Anti-Seize to all hardware.

Fits most Toyota, Nissan and similar style terminals.

Follow the Torque Specifications on the bottom of Page 5.

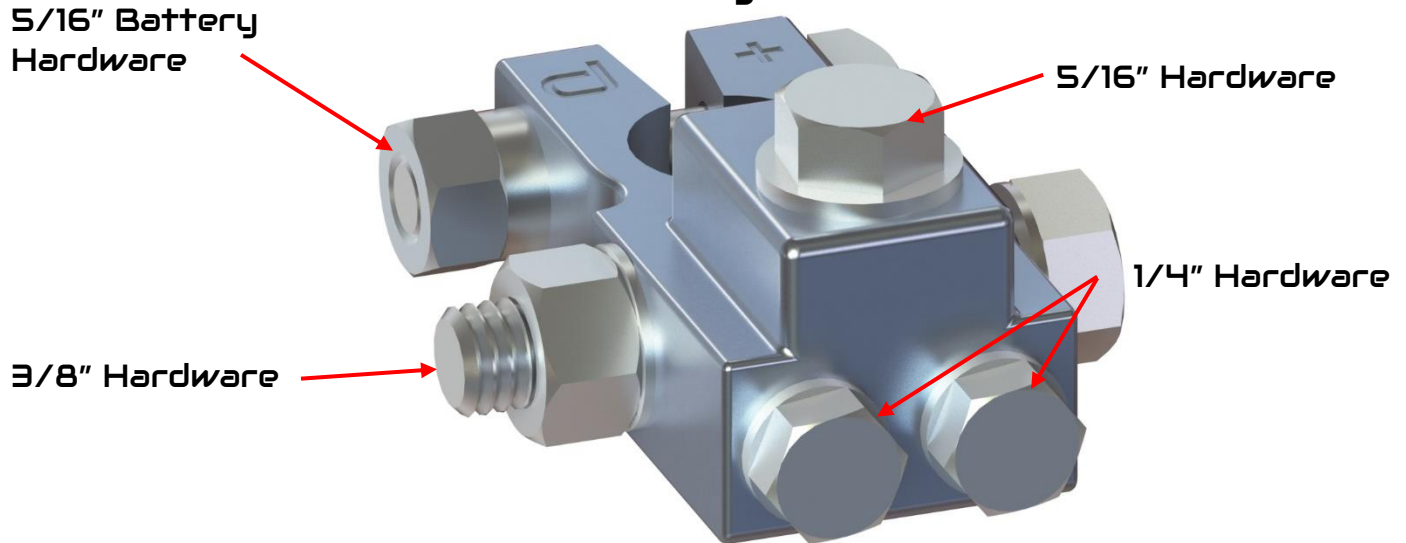
See SDHQ-02-38(02/04/06/10) for (1-2GA, 4GA, 6GA, 10GA) Compression Lug Kits.

SDHQ-02-3002-U1-E is an optional Battery (-) to Body Ground wire for our recommended wiring configuration.

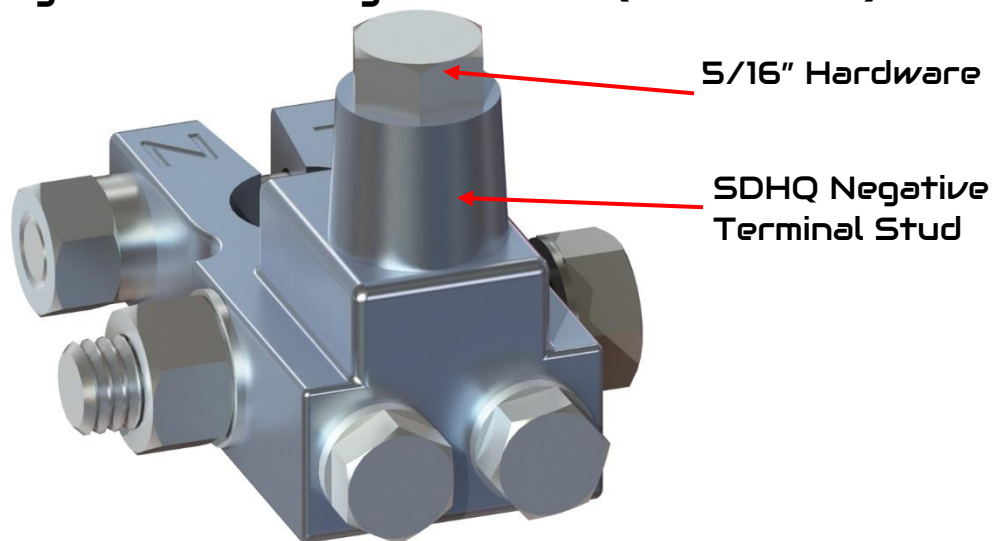
**Approx. Install Time: 1 Hour**

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## SDHQ Positive Battery Terminal (without Stud)



## SDHQ Negative Battery Terminal (with Stud)



**\*\*\*READ ALL INSTRUCTIONS THOROUGHLY FROM START TO FINISH BEFORE BEGINNING INSTALLATION! \*\*\***

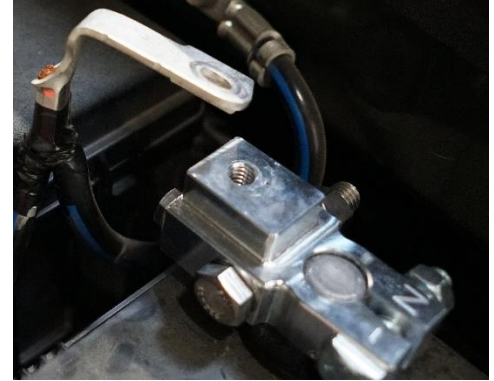
### **Installation Instructions:**

1. Unbox your SDHQ Built Complete Billet Battery Terminal Kit and check over all parts. Familiarize yourself with the parts and diagrams above.
2. Disconnect the stock battery terminals using 10mm and 12mm (or required) sockets. Remove all wire terminals from the stock battery terminals. If any of the stock wires are directly crimped to the factory battery terminal, the Terminal Stud will be needed. If Terminal Stud will not work, purchase SDHQ-02-38(02/04/06/10) for Compression Lug Kits.

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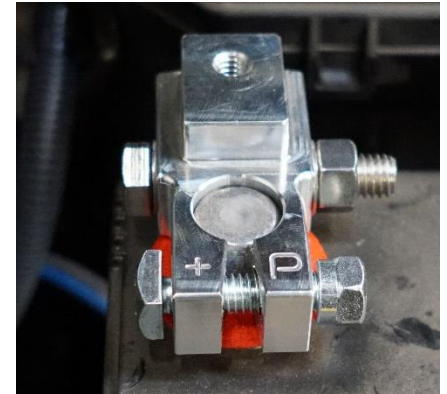
## Negative Terminal Install

- 3. Installing the Battery Terminals.** Place the SDHQ Negative Battery Terminal on top of the negative battery post. Lightly tap on the top of the terminal using a rubber mallet to set it on the battery post. Tighten the 5/16" Battery Bolt and Nut using 1/2" wrenches on both to prevent damaging the battery post.
- 4.** Install the SDHQ Terminal Stud, as pictured on Page 4, if needed. Use the 5/16" – 18 x 1" S.S. Hex Head Bolt to secure the Terminal Stud to the Terminal. Place the stock battery terminal over the Negative Terminal Stud and tighten. No wire cutting is required for this configuration. If the SDHQ Terminal Stud was not needed, use the 5/16" hole for installing flat factory terminal, as shown right.
- 5.** With the terminal installed, finish wiring any accessories to the negative terminal and tighten all hardware.



## Positive Terminal Install

- 6. Installing the Battery Terminal.** Place the SDHQ Positive Battery Terminal on top of the positive battery post. Lightly tap on the top of the terminal using a rubber mallet to set it on the battery post. Tighten the 5/16" Battery Bolt and Nut using 1/2" wrenches on both to prevent damaging the battery post.
- 7.** Use the top 5/16" hole for the factory terminals for factory wiring if possible. Connect any other accessories to the terminals as needed. Tighten all hardware.



## Torque Specifications

- 1.** Torque the 1/4" – 20 bolts to 4 ft-lb. Torque the 5/16" – 18 bolts to 8 ft-lb. Torque the 3/8" – 16 hardware to 18 ft-lb.



**\*\*\*Double check all hardware is installed correctly and tight\*\*\***

**\*\*\*Re-torque ALL bolts after 100 miles\*\*\***



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