SILVERHORSE RACING, LLC

P/N S197-1100 Made in the USA

2005-14 Tru-Billet Battery Hold-Down Installation Instructions

Thank you for your purchase of SilverHorse Racing products. Please read all directions before beginning the installation. A factory shop manual should be available for reference during installation. If, after reading these and any accompanying directions, you feel that you may not be able to complete the installation safely and properly, please seek out professional installation by certified technicians. Please read and understand our product purchase agreement (included on yellow sheet) prior to starting installation. Vehicle should be off with key removed from ignition and in park with parking brake set prior to beginning installation.

Tools Needed:

8mm & 10mm Sockets (or wrenches) **10 deep socket, matching ratchet**

Pliers and possibly small screwdriver **M5 Allen wrench**

1. Review and familiarize yourself with Figure 1 on next page. Open and properly support hood. Open windows and unlock doors and then disconnect negative (-) battery terminal.

2. Remove original bolt from in front of battery that holds down existing battery clamp. There is a speed nut on the bottom of the existing battery clamp that must be removed from the long bolt so the bolt can be removed. Bolt and speed nut will not be re-used, return existing battery clamp to its prior installed location. At this time, check strap location as it may have moved over time – it should come from behind both the positive battery cable and battery.

3. Loosely assemble but do not tighten the new top cross bar to strap clamp using two M6 stainless Allen screws, make sure serrations on strap clamp face the bottom of the top cross bar to "bite" the strap. Thread the existing strap between top bar and strap clamp.

4. Insert new M6 x 170mm threaded rod through original strap and battery clamp wedge block and thread rod into hole approximately 3 full revolutions. You can feel the bottom of the battery tray and once the threaded rod starts to come through the bottom you can stop. If needed, you can use the included M6 flange nut on the top thread to help thread into the battery tray base, but remove nut before next step.

5. Slide front upright bar with rounded edges facing forward and two threaded holes facing up onto stud installed in step 4 and fasten with M6 flange nut provided. Tighten nut down in the counterbored pocket of the front upright bar to approx. 10-15 Ft/Lb. **Note:** on 2010-14 models or on other vehicles where battery has been replaced with a slightly larger group size, you may have to remove the strap from the threaded rod so that enough strap will exist to be clamped in back by strap clamp providing a tight fit for the top cross bar. Some trial and error adjustments of the battery, strap, and top cross bar will allow you to come up with a good fit without any cutting.

6. Install two front screws but do not tighten yet.

7. Tuck remaining end of strap (if removed from bolt) between battery and front upright bar out of view. Otherwise make sure it is under the top cross bar

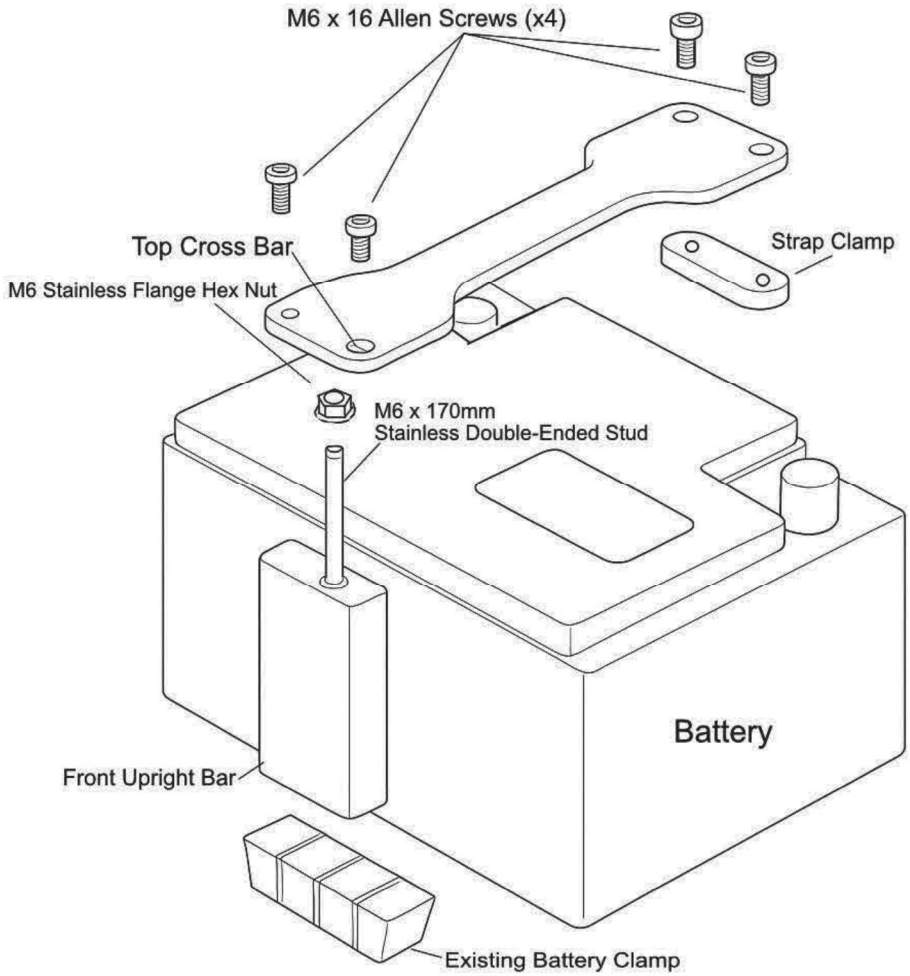
8. When you are satisfied with the strap position, tightness, and length and the top bar is centered left to right on the battery, tighten all 4 top screws.

9. Check for snug and proper fit. Strap will hold down the back of the top cross bar securely when adjusted properly, and front upright bar will hold it from the front. If battery and billet hold down are not tight, loosen top screws as-needed and adjust the strap. Once you are satisfied that battery and top battery hold down are secure and everything is tight, you can reconnect battery.

10. Stop and relax for a moment, you're almost done! After you have admired your work, make sure you've removed any cleaners, tools, or packaging before gently and securely closing the hood. Installation is complete!!!

11. For cleaning, we recommend a soft terry cloth and soapy water or your favorite quick detailing product. Avoid harsh chemicals or abrasive towels to avoid damaging the anodizing or laser-engraved artwork on the top cross bar.

Figure 1:



If you have any questions, feel free to contact us at the number listed below or via email.

Tech Questions: (321)-722-2813.
10am-6pm EST M-F
Email us - Tech@SilverHorseRacing.com

"If it's not good enough for our cars, we won't make it for yours."