

# Suzuki GSX-S1000GT/GT+

## Front Tip Over Protection Installation Instructions

*\*Read ALL instructions BEFORE attempting to install this product*

*\*Failing to follow these instructions could result in serious injury or damage to motorcycle*

*\*Advanced Sport Touring is not responsible for any injury or damage to property resulting from the use of this product*

**Required Tools for Installation:** 4mm, 5mm, 8mm Hex Wrench, 14mm socket and ratchet

**Hardware Included:** (2) M10x125SH, (2) M10x120SH, (3) 60mm Flange Bolts, (1) 70mm Flange Bolt, (2) 70mm Button Head Bolts, (2) M8 Lock Nuts, (1) M8 Standard Nut

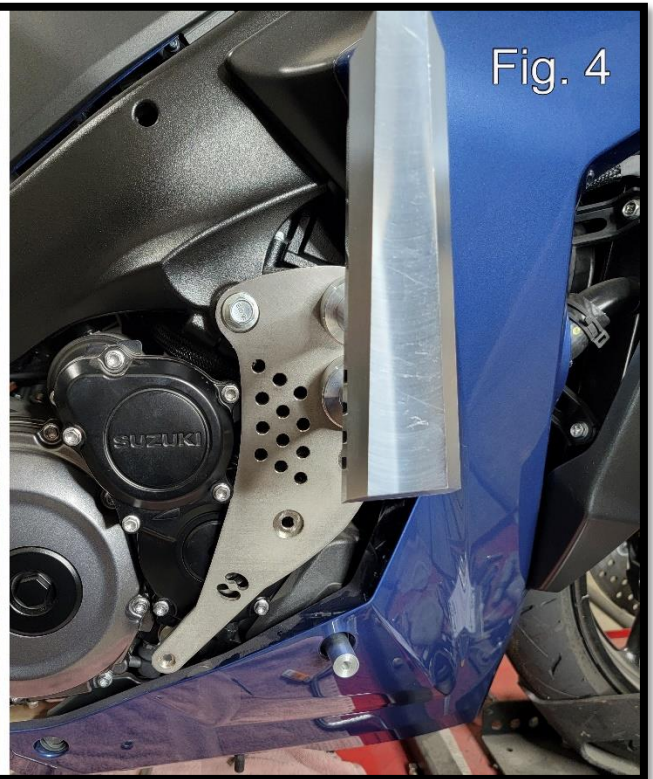
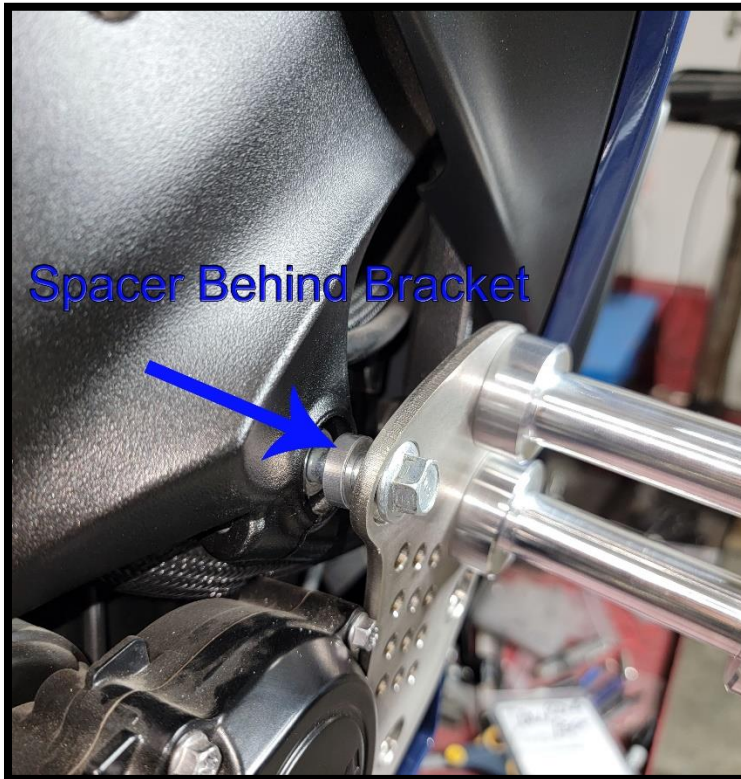
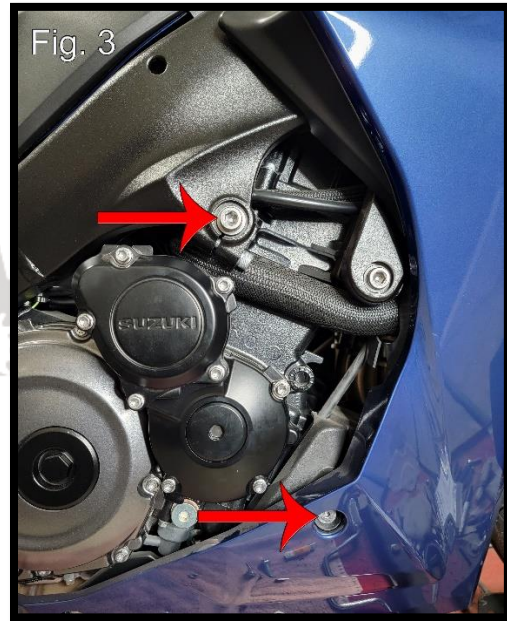
- 1) Let's do some assembly on the bench. Set out a towel so nothing gets scratched. Locate the two Main Brackets (Clutch Side/Brake Side). The sides with the counterbores are the fronts of the brackets. We're going to attach two different sized Cylinders and a Contact piece for each side. Using a M8 Hex Wrench, two M10x125 and two M10x120 socket head bolts for each Main bracket, attach the pieces as shown. The 125mm bolt goes with the larger diameter Cylinder which goes in the lower hole with no counterbore and the 120mm bolt goes with the smaller diameter Cylinder which goes in the upper hole with no counterbore. Fully tighten the bolts. We recommend using a thread locker (Loctite, Permatex, ect.) (Blue is temporary. Red is permanent) **Fig. 1.**
- 2) The method for attaching the Main Brackets is the same on both sides.
- 3) For this step, you'll need the following: Brake Side Main Bracket you just attached the Foot Peg to, Lower Spacer, 6mm Spacer, 12mm Spacer, 60mm and 70mm Flange Bolts, 70mm Button Head Bolt. On the Brake Side, remove the bolts indicated in **Fig. 3.** The upper bolt will need an 8mm Hex Wrench and the lower a 5mm Hex Wrench. You won't reuse these bolts. **Don't remove both upper bolts at the same time.** Put the 60mm Flange bolt through the hole in the Main Bracket and then the 6mm spacer on the other side and slide into the hole you just took the bolt out of. **Fig. 4.** You'll see we've turned the bolt about a dozen times so its really loose but has some threads into the mount. Now you can remove the bolt shown in **Fig. 5.** Put the 70mm Flange bolt through the hole, then the 12mm spacer then thread into the hole. Put the lower spacer into the hole you removed the bolt from Male End first followed by the 70mm button head bolt. You may need to wiggle the button head to get it into position so it threads into the hole. Tighten all the bolts. Upper uses a 14mm socket with ratchet (an extension makes life easier) and lower uses a 5mm Hex Wrench. **Fig. 6** shows this step completed.
- 4) For this step, you'll need the following: Clutch Side Main Bracket you attached the Foot Peg to, Lower Spacer, (2) 12mm spacers, (2) 60mm Flange Bolts, 70mm Button Head Bolt. On the Clutch Side, remove the bolts indicated in **Fig. 7.** The upper bolt will need an 8mm Hex Wrench and the lower a 5mm Hex Wrench. You won't reuse these bolts. **Don't remove both upper bolts at the same time.** Put the 60mm Flange bolt through the hole in the Main Bracket and then the 12mm spacer on the other side and slide into the hole you just took the bolt out of. Slide the long rod through this side into the hole in the Clutch Main Bracket. **Fig. 8.** Now you can remove the other upper bolt. Put the 60mm Flange Bolt through the hole, then the 12mm spacer. Lift up on the Main Bracket so you can put the rod end through the hole in the Main Bracket and get the Flange bolt into its hole. Thread in the Flange bolt a few threads. Put the lower spacer into the hole you removed the bolt from Male End first followed by the 70mm button head bolt. Tighten all the bolts. **Fig. 9** shows this step completed. Do not put nuts on the Rod yet.
- 5) Thread the Standard (non-locking) Nut onto the rod end and tighten (either side). This will stop the rod from rotating while you tighten the Locking Nut on the other side. (Do not use thread locker on these nuts). Remove the non-locking nut and thread on the locking nut. Tighten.
- 6) Installation is complete.

Go for a bunch of rides! Periodically, check the bolts to make sure everything is still where it's supposed to be. If you feel like something is loose, tighten it.

If at any point, you find yourself needing help. Let us know. We're happy to help.

- QUICKEST RESPONSE TIME: [AdvancedSportTouring@gmail.com](mailto:AdvancedSportTouring@gmail.com)
- If you want to talk on the phone, call us at 772-207-0023 or just email us asking to talk on the phone and give us your phone number and we'll call you.

## MAIN BRACKETS Clutch Side / Brake Side





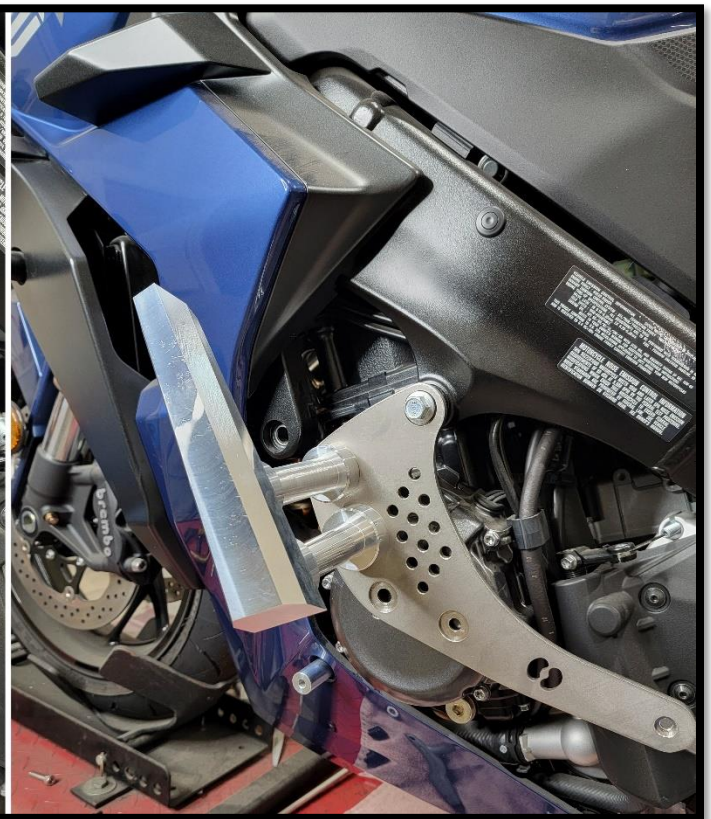
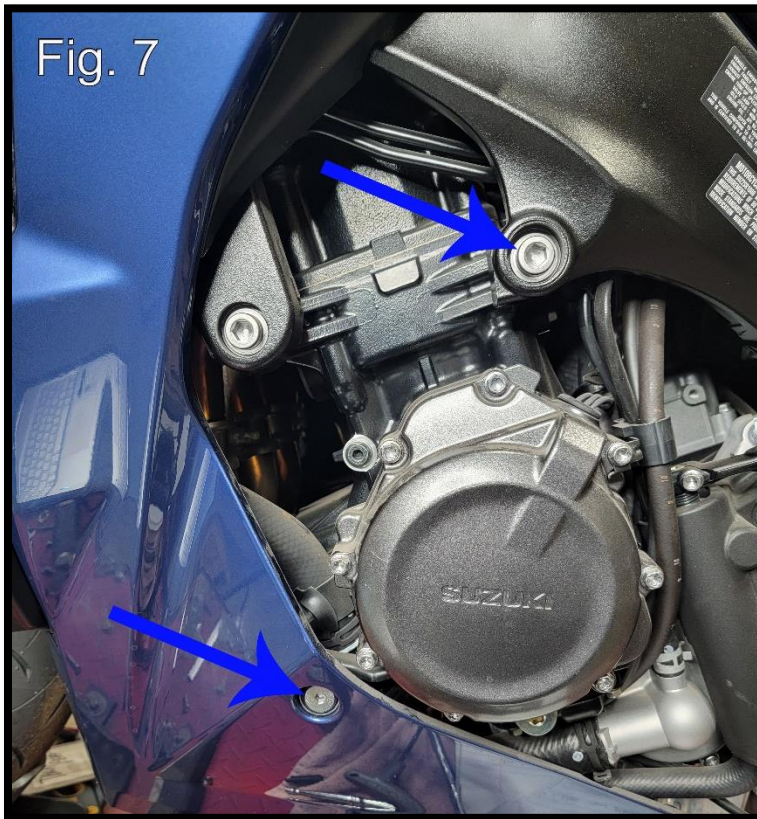
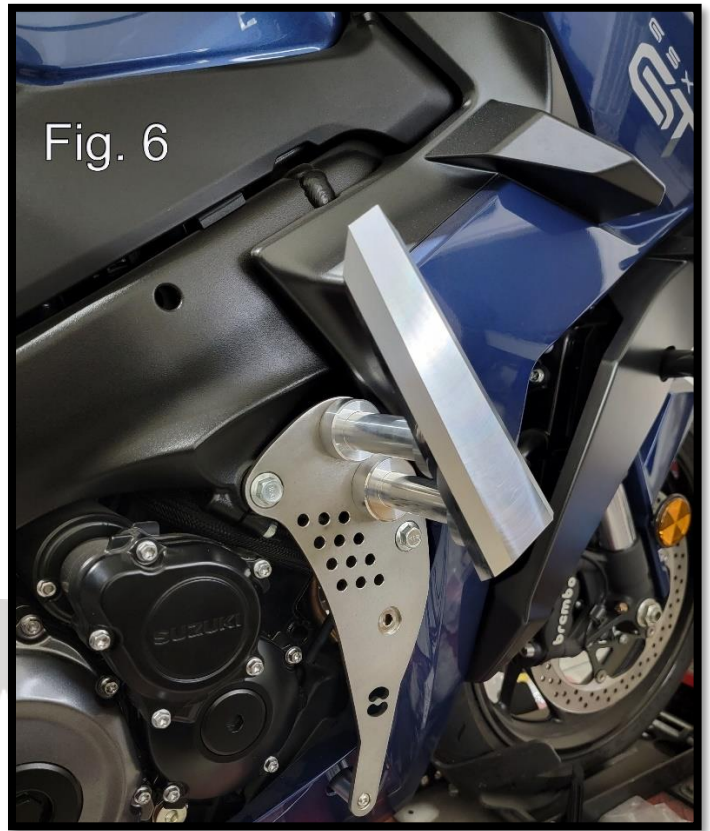
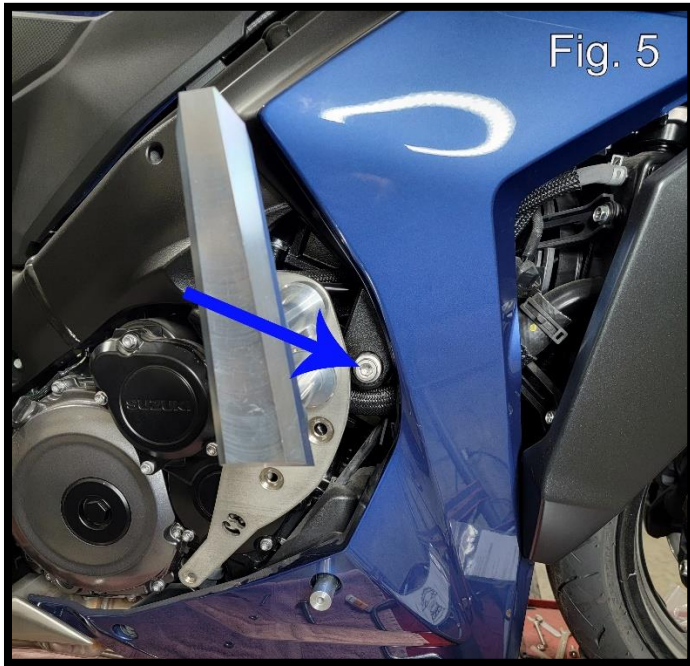




Fig. 8

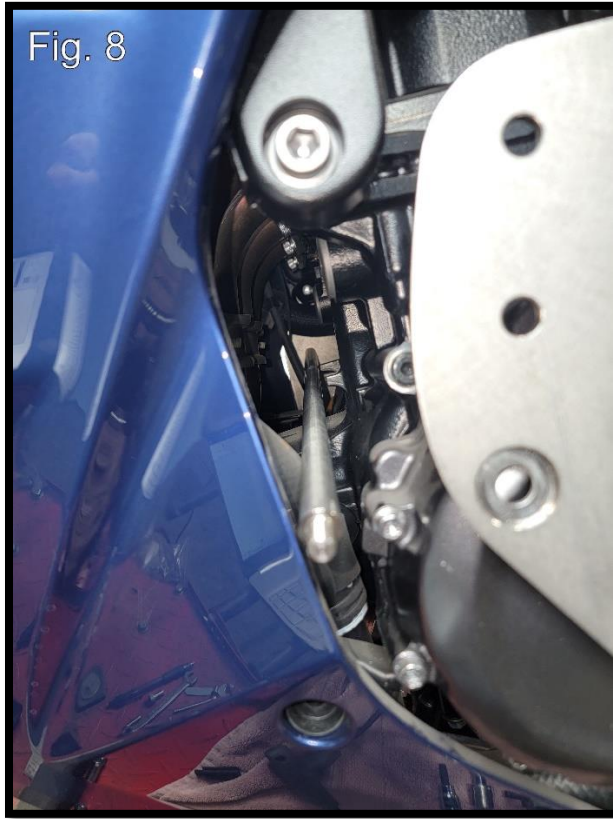


Fig. 9

