



Installation Instructions for Side Cover Repair Studs Part HST-2

You have purchased two high quality aftermarket studs intended for the repair of Honda Motorcycle side covers. **We are not connected to Honda Motor Company and the name Honda is used only for reference.** The extra long plastic studs have to be trimmed to fit and then epoxied to the side panel.

Please read the instructions completely before starting the repair.

1. Remove the side cover requiring repair according to manual instructions.
2. Replace all grommets as needed to ensure a tight fit. **The grommets must be in good condition for a successful repair.** Consider lubricating the rubber grommets. Studs should go in and out easily without danger of breaking the studs. **Note: Use caution!** When using silicones and some lubricants that will migrate and adversely effect the epoxy joint.
3. Clean the inside of the side panel thoroughly with soap and water. If a spray cleaner is used it **must not** leave a residue that will adversely effect the epoxy joint.
4. Remove the entire old broken/missing stud from the inside cover. This can be done by hand but a mushroom pad on a dremal type tool or drill works best. The goal is to create an area $\frac{3}{4}$ inch in diameter minimum that is roughed up and free of dirt. **Note: Care must be taken to insure the panel is not ground or sanded too thin or through the side cover.**
5. Put the new stud in the rubber grommet and carefully try to install the side panel. It should not go on, it should hit the new stud. Remove the panel and trim the square end of new stud shorting it in $\frac{1}{16}$ inch to $\frac{1}{8}$ inch increments. Go slow to insure you do not shorten the new stud too much. **The stud must not keep the side panel from being installed all the way, but it must be touching the panel for good epoxy joint. DO NOT CUT THE STUD TO SHORT.**
6. Cover or mask the grommets and the surrounding area. A clinging type sandwich wrap can also be used. Punch a small hole in the wrap/masking and install the new stud, it will help hold the wrap/masking material in place. **The wrap/masking should cover every thing the epoxy might come in contact with.**
7. Mix the epoxy following the manufactures directions. We recommend JB Weld but other quality **thick** epoxies could work. There should be enough epoxy mixed to put a spot about $\frac{3}{4}$ inch in diameter and $\frac{1}{2}$ to $\frac{3}{4}$ inch high on the panel where the stud is to be attached.
8. Now carefully install the side panel. Once in place the panel should be left long enough for the epoxy to fully cured, usually over night. If needed a small bungee could be pulled down from the seat area to the lower frame to help hold the panel on tight.
9. Carefully remove the side panel with the new stud attached. Inspect the side panel and, if nessary, mix up more epoxy to secure the stud. Build up a cone of epoxy all the way around the stud and about a $\frac{1}{2}$ to $\frac{3}{4}$ inch up the stud. Once this is cured the repair is complete.