



## 2009-14 YAMAHA YZF R1

### Carefully read instructions in their entirety before the install

Professional installation is recommended. Always use proper safety measures during the install of this product. Do not try to install this product without proper tools, recently calibrated torque wrench, correct torque specifications from factory service manual, safety goggles and gloves. The motorcycle must be in a fixed secure position before the install process begins. Hotbodies Racing is not responsible for any damage to your motorcycle for any reason during the installation or use of this product!

### Installation Steps:

#### **DO NOT remove both engine studs at the same time.**

*\*Frame Sliders: Left and Right frame sliders are the same length. Bolts: Left side bolt is longer than right.*



RACER ONLY CUT KIT

1. Remove left side panel to expose mounting location.
2. Locate the left side engine stud and remove bolt. Make sure the conical spacers stay in frame when frame sliders are installed.
3. Locating and cutting the body. Start with a Spot tool (It's a 12mm socket cap bolt with a 1.25 pitch with the head cut off and sharpen to a point). You can purchase the tool or make your own. Make sure the size bolt you're buying is a 1.25 pitch bolt.
4. With the body removed, thread in by hand your spot tool. Make sure you have the spot tool screwed in enough to clear the body on the inside.
5. Loosely mount your bodywork and adjust the spot tool out to lightly touch the inside of the body (have at least 15mm of thread engagement). With the body mounted in the correct location use a soft micro fiber cloth over the spot tool location and softly tap to leave a spot mark on the inside of the body.
6. Remove the bodywork and double check location of spot mark.
7. Using a small drill ¼ inch or so drill a pilot hole in the body from the inside out. Remount bodywork and double check the hole location with the spot tool still inserted. With pilot hole cut and on center, remove body panel to prep for cutting.
8. Body Prep. Use masking tape to completely mask off the area on the body where you will be working (approximately 6 to 8 inches around the though hole area).
9. Using a Dremel tool with a sanding roll to open up the hole little by little. As you cut and open the hole to your scribe marks keep checking that the hole is lining up with your puck dimensions.
10. Mount left side panel.
11. Mount left side puck with Socket Cap 12 X 1.25 X 120 Main Engine Stud and torque down.
12. Repeat all installation steps for the right side.

Hotbodies Racing frame sliders serve the purpose of mitigating damage to the motorcycle. Although statistics have shown that frame sliders reduce damages to the frame, cases, swing arm, and levers there is no guarantee that this product will eliminate damage all together in the event of a crash.