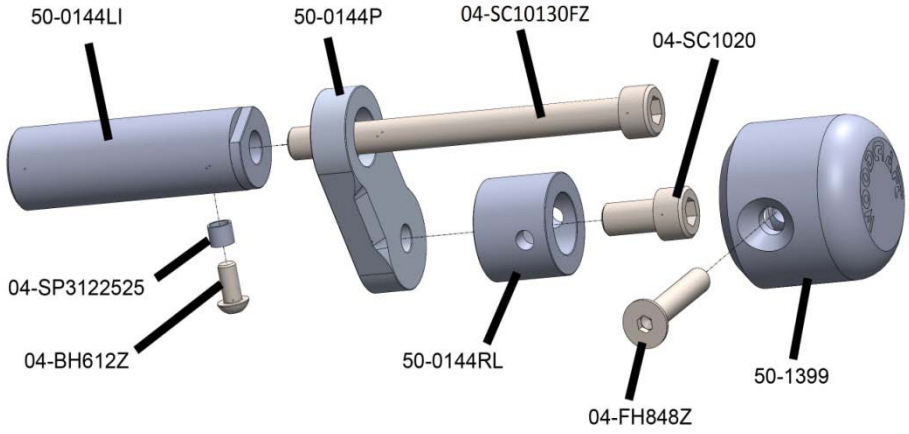
# 50-0144S Kawasaki Ninja 400 Street No-Cut Kit

Before the installation of this kit, remove your OEM lower fairings on both sides.

## Left Side Frame Slider Installation Instructions

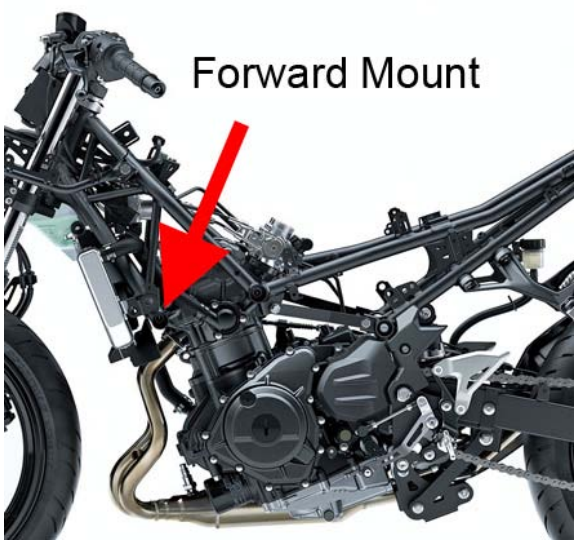


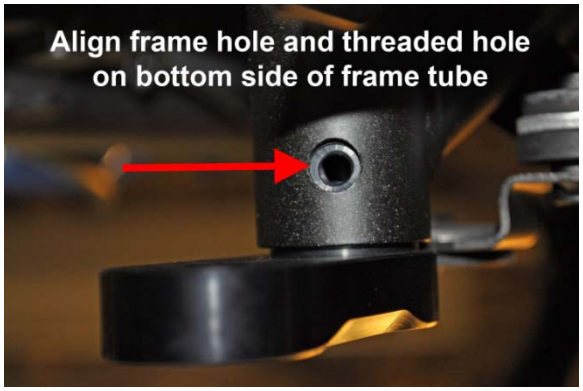

1. Remove your OEM motor mount bolt on the left side. The sliders use the forward-most engine mount location on both sides of the motorcycle. Attention: there is a spacer between the frame and the engine that you will re-use during installation of the Woodcraft Frame Slider Base.

2. Take your finger and feel the inside of the engine mount tube that you just removed the bolt. Where the frame is welded together, many Ninja 400's have excessive "slag" on the inside of the tube. Take the supplied grinding bit and grind these imperfections smooth. This will allow for a nice, tight fit for the Woodcraft 50-0144LI base and will give you the strongest slider mount possible.

3. On the bottom side of the frame tube, locate the alignment hole. The hole is about 9mm in diameter and is near the end of the tube. When inserting the 50-0144LI base in the tube, note that the threaded hole on the base will line up exactly with this hole. Insert the 50-0144LI base fully into the tube. EXPECT A VERY TIGHT FIT. Gently tap the base in with a soft faced hammer. If it does not go in all the way, then use the 04-SC10130FZ bolt to draw it all the way in to the bottom. When fully bottomed out, the flat on the end of the base will be exposed and the end of the base will stick out of the frame tube by 5-6mm.

4. Line up the threaded hole in the 50-0144LI base with the hole in the frame tube. To rotate, install the 50-0144 plate FINGER TIGHT with the 04-SC10130FZ bolt. You can then use a soft faced hammer to rotate the base until the threaded hole lines up with the hole in the frame.



5. Install the 04-SP3122525 spacer using the 04-BH612Z bolt and torque to 7 ft-lbs. Use Blue Loctite on this bolt.

6. Make sure that the OEM spacer is between the frame and the engine mount. Put a dab of anti-seize on the end of the bolt and torque the 04-SC10130FZ bolt to 32 ft-lbs.

7. Secure the 50-0144RL base to the 50-0144 plate using the 04-SC1020 bolt. Torque the bolt to 32 ft-lbs.

8. Bolt the 50-1399 puck to the 50-0144RL base using the 04-FH848Z. Hand tighten this bolt using a standard allen wrench.

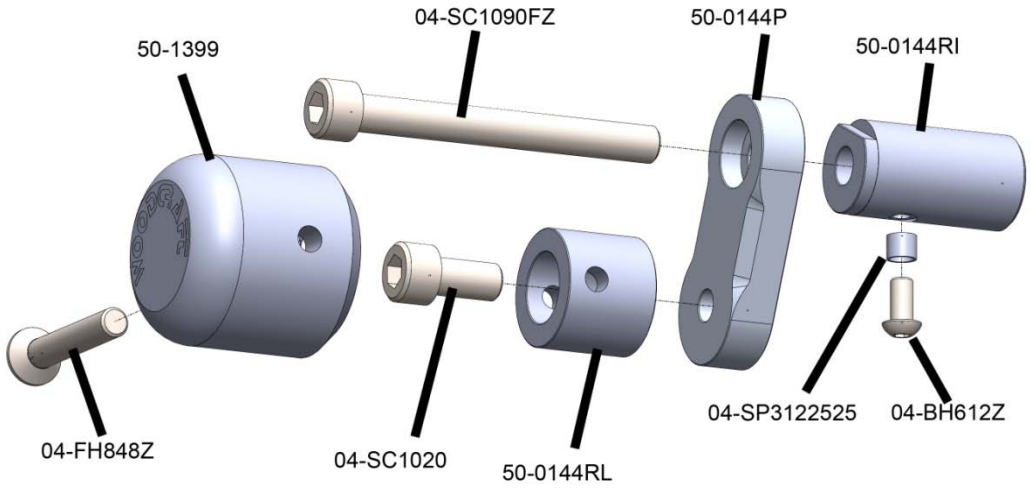
9. Re-install the lower fairing. The slider puck will sit in the opening for the OEM faring.





## Right Side Frame Slider Installation Instructions

1. Repeat steps 1-9 above for the right side, using the assembly parts show below



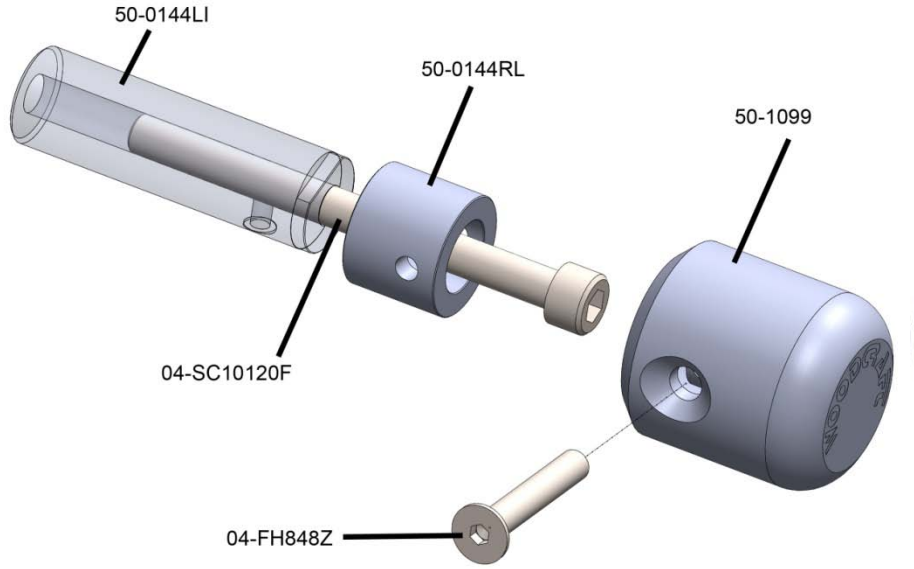

**IMPORTANT**

Tighten all fasteners to specification in these instructions or industry standard. FAILURE TO PROPERLY TIGHTEN ALL FASTENERS MAY CAUSE DAMAGE TO THE MOTORCYCLE, LOSS OF CONTROL AND SERIOUS INJURY OR DEATH. DO NOT INSTALL OR USE THIS PRODUCT IF YOU ARE UNABLE TO DO SO IN COMPLIANCE WITH ALL INSTRUCTIONS ANDWARNINGS. SEEK THE ASSISTANCE OF A TRAINED PROFESSIONAL TECHNICIAN.

# 50-0144 Kawasaki Ninja 400 Race Frame Slider Kit

Before the installation of this kit, remove your fairings on both sides. This kit is designed for the racetrack and is to be used with aftermarket bodywork. With the 50-1099 puck this is a traditional kit with a puck that sits outside the fairing. With a 50-1599 puck this kit can be set up as an "under body" kit that sits behind the bodywork.

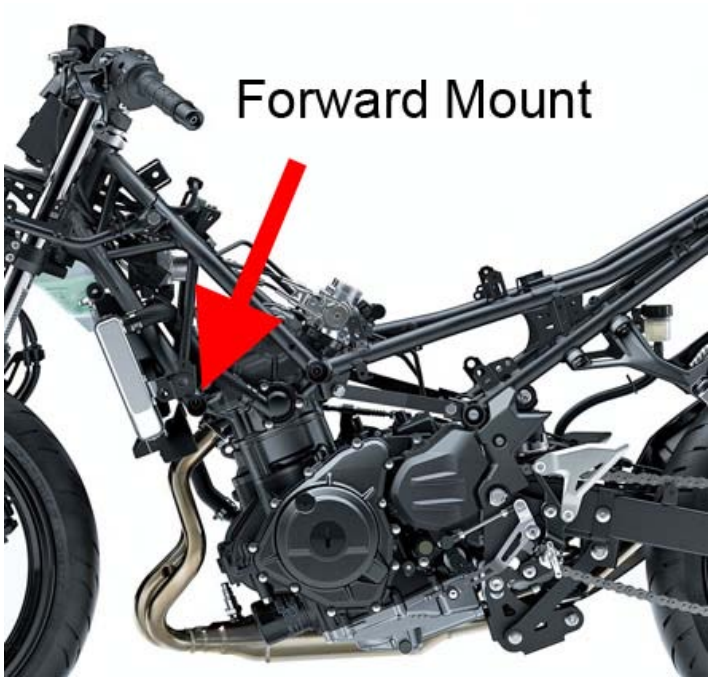
## Left Side Frame Slider Installation Instructions




10. Remove your OEM motor mount bolt on the left side. The sliders use the forward-most engine mount location on both sides of the motorcycle. Attention: there is a spacer between the frame and the engine that you will re-use during installation of the Woodcraft Frame Slider Base.

11. Take your finger and feel the inside of the engine mount tube that you just removed the bolt. Where the frame is welded together, many Ninja 400's have excessive "slag" on the inside of the tube. Take the supplied grinding bit and grind these imperfections smooth. This will allow for a nice, tight fit for the Woodcraft 50-0144LI base and will give you the strongest slider mount possible.

12. Inserting the 50-0144LI base in the tube. EXPECT A VERY TIGHT FIT. Gently tap the base in with a soft faced hammer. If it does not go in all the way, then use the 04-SC10120F bolt to draw it all the way in to the bottom. When fully bottomed out, the flat on the end of the base will be exposed and the end of the base will stick out of the frame tube by 5-6mm.



13. Make sure that the OEM spacer is between the frame and the engine mount. Slide the 50-0144RL base over the 04-SC10120F bolt and put a dab of anti-seize on the end of the bolt. Torque the 04-SC10120F bolt to 32 ft-lbs.

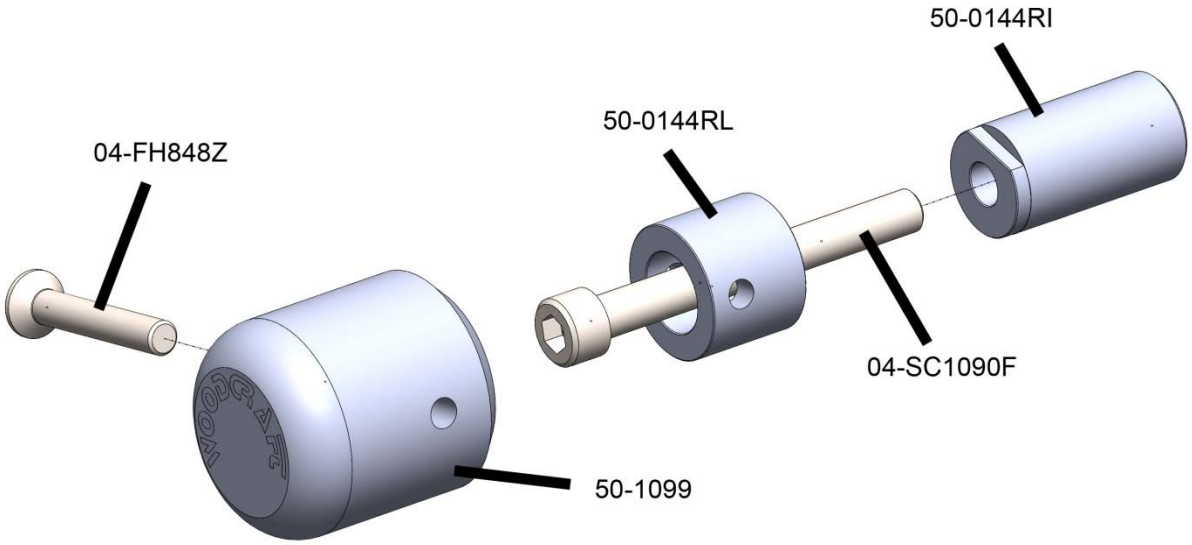
14. You will need to cut a 2" hole in the bodywork for the frame slider pucks. You will first have to drill a 2-inch hole for the frame sliders. Start by tracing the circle of the frame slider base against the inside of the bodywork to find the center. Mark the hole and drill a small pilot hole (smaller than the center drill of a 2-inch hole saw if that is your tool of choice).
15. Once you have found the center either cut the hole with a 2 inch hole saw or you can cut an undersized hole and slowly enlarge it with a drum sanding bit on a dremel tool (for those concerned with making a mistake with the larger hole saw).

16. Bolt the puck to the 50-0144RL base using the 04-FH848Z bolt. Hand tighten this bolt using a standard allen wrench.

17. Re-install the lower fairing. The slider puck will sit in the opening for the OEM faring.

## Right Side Frame Slider Installation Instructions

2. Repeat steps 1-9 above for the right side, using the assembly parts show below




**IMPORTANT**
Tighten all fasteners to specification in these instructions or industry standard. FAILURE TO PROPERLY TIGHTEN ALL FASTENERS MAY CAUSE DAMAGE TO THE MOTORCYCLE, LOSS OF CONTROL AND SERIOUS INJURY OR DEATH. DO NOT INSTALL OR USE THIS PRODUCT IF YOU ARE UNABLE TO DO SO IN COMPLIANCE WITH ALL INSTRUCTIONS ANDWARNINGS. SEEK THE ASSISTANCE OF A TRAINED PROFESSIONAL TECHNICIAN.