

# YOSHIMURA

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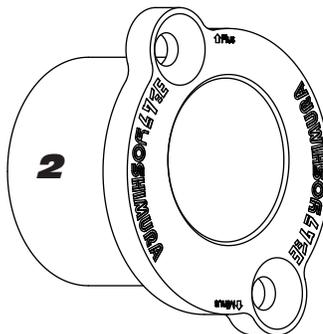
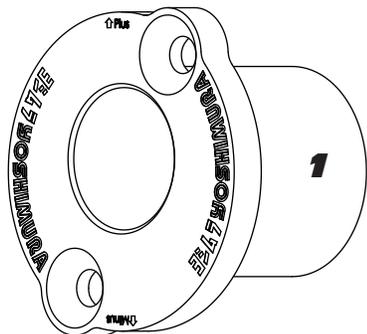
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## YOSHIMURA PERFORMANCE HARDPARTS

**SUZUKI  
GSX-R1000**

**450HA111810**

YOSHIMURA SWINGARM PIVOT KIT



### Part List:

No.	DESCRIPTION	QTY	PART #
1	Swingarm Pivot +/-2mm Left	1	450HA111810L
2	Swingarm Pivot +/-2mm Right	1	450HA111810R
**	Yoshimura *USA* Sticker	2	17020C

The Yoshimura Swingarm Pivot Kit changes the suspension geometry by raising or lowering the swingarm angle from stock thus resulting in a change in characteristic and handling of the motorcycle.



**THIS PRODUCT IS DESIGNED FOR USE IN CLOSED COURSE RACING AND IS NOT INTENDED FOR HIGHWAY USE.**



**Caution:** Exhaust system can be extremely hot. Let motorcycle cool down before beginning installation. Always wear hand and eye protection and take precautionary measures to avoid injury.

**Note:** Read through all instructions before beginning installation.

## Tools Needed:

Metric Socket Set

3/8" ratchet and extension

Metric Combination Wrench Set

Phillips Head Screwdriver

19mm Hexagonal Socket (Suzuki PN: 09944-28320)

Castle Lock Nut Tool (Suzuki PN: 09940-14940)

Torque Wrench

## Installation Steps:

1. Loosen rear axle nut.
2. Raise rear wheel off the ground and support the motorcycle.

**NOTE:** Make sure motorcycle is supported securely.

3. Remove rear wheel.
4. Remove linkage as per Factory Service Manual.

**NOTE:** If using the stock exhaust, the muffler and center muffler will need to be removed to gain access to the linkage. Yoshimura full system and 3/4 systems do not need to be removed.

6. Remove rear shock as per Factory Service Manual.
7. On the right side of the swingarm pivot shaft, remove the castle nut using Suzuki tool (PN: 09940-14940) or equivalent. (Fig. 2)
8. Hold the swingarm pivot shaft and remove the nut and washer on the left side of the swing arm pivot shaft. (Fig. 3)
9. Back out the swingarm pivot shaft until the threads are released from the right pivot shaft plate.
10. While securely supporting the swingarm, remove the pivot shaft and carefully lower swingarm.
11. Remove the swingarm pivot boss nut on the inside of the frame.
12. Remove the two phillips head screws from the left pivot shaft plate and remove the plate.

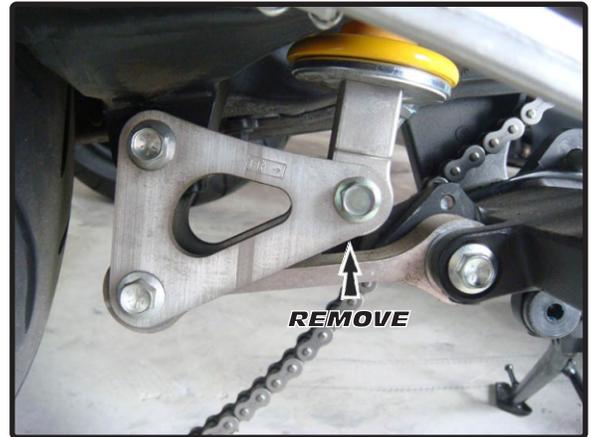


Fig. 1

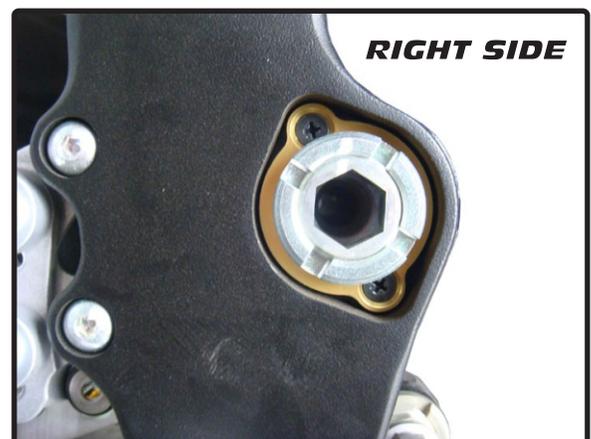


Fig. 2



Fig. 3

13. Install left side Yoshimura pivot shaft plate using stock bolts (Fig. 4).

**NOTE:** When the "Plus" arrow is pointing up, the swingarm pivot will be in the +2mm position.  
When the "Minus" arrow is pointing up, the swingarm pivot will be in the -2mm position.

14. Remove the two phillips head screws for the right pivot shaft plate and remove plate.
15. Install Yoshimura right side pivot shaft plate using stock bolts (Fig. 5).

**NOTE:** When the "Plus" arrow is pointing up, the swingarm pivot will be in the +2mm position.  
When the "Minus" arrow is pointing up, the swingarm pivot will be in the -2mm position.

16. Install the stock swingarm pivot boss nuts. Torque to factory specification.

**NOTE:** Apply grease to the threads before installation of the pivot boss nut.

17. Thread swingarm pivot shaft into Yoshimura pivot shaft plate. Torque to factory specification.
18. Reinstall rear shock assembly using the opposite steps of removal.
19. Reinstall linkage using the opposite steps of removal.
20. Torque rear shock assembly and linkage to factory specifications.
21. Install washer and nut onto swingarm pivot shaft. Hold swingarm pivot shaft and torque pivot shaft nut to factory specification.
22. Install the castle lock nut. Torque to factory specification.
23. Install rear wheel and torque to factory specifications.

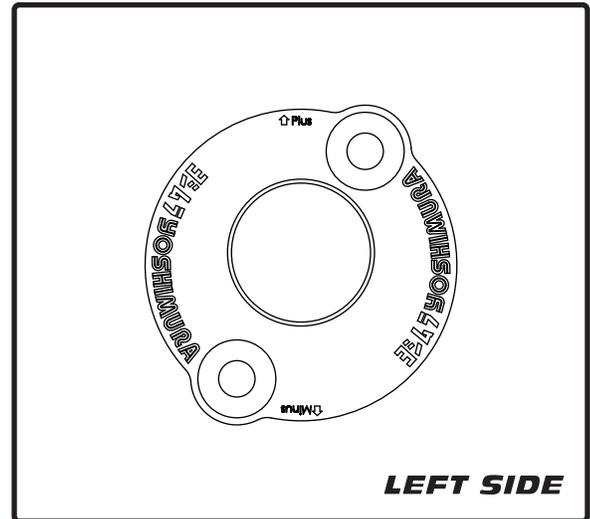


Fig. 4

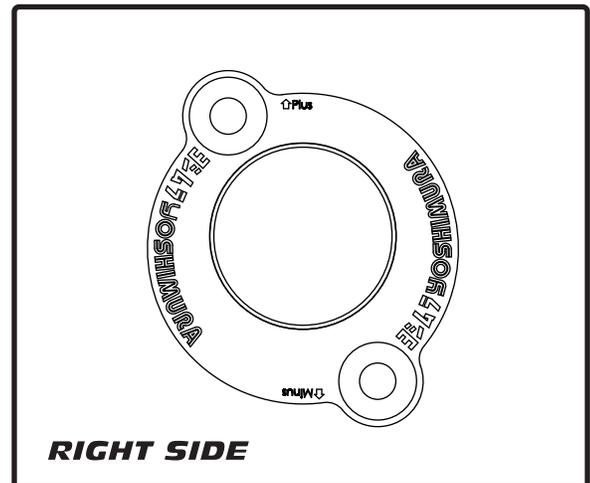


Fig. 5