



# YOSHIMURA

RESEARCH & DEVELOPMENT OF AMERICA, INC.

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[www.yoshimura-rd.com](http://www.yoshimura-rd.com)

## **RS-5 PERFORMANCE EXHAUST SYSTEM EPA NOISE COMPLIANT**

**HONDA  
2007-2008  
CBR600RR**

**12270E7220**

STAINLESS STEEL SLIP ON SYSTEM WITH CF SLEEVE; CF CONE CAP

**12270E7520**

STAINLESS STEEL SLIP ON SYSTEM WITH SS SLEEVE; CF CONE CAP



This product is 50-state legal and complies with Federal and State regulations. Any attempts to modify this product will render it non-compliant with Federal law and void warranty. If modified, the vehicle can no longer be used on public roads and can only be used for off-highway closed course competition. In the state of California, it is illegal to modify the emission control system, which includes the fuel injection system of any vehicle.



NOTE: IN THE STATE OF CALIFORNIA, IT IS ILLEGAL TO MODIFY THE EMISSION CONTROL SYSTEM. WHICH INCLUDES THE FUEL INJECTION OF ANY VEHICLE.

**Caution:** Exhaust system can be extremely hot. Let motorcycle cool down before beginning installation.

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

### **Tools Needed:**

Metric Socket Set, Extension, and Ratchet  
Metric Combination Wrench Set  
Metric Allen Wrench Set  
Torque Wrench  
Sharp Scissors and Tape

### **Installation Steps:**

1. Remove rider seat (two bolts under rear corner edges of rider seat) and passenger seat.
2. Remove rear seat cowling by removing the four bolts shown in Fig. 1 and pulling the cowling toward the rear of bike and up. Also, remove muffler heatshield bolt (as shown in Fig. 1) at this time.
3. Disconnect the three electrical connectors shown in Fig. 2 (brake light, running light, and rear turn signals).
4. Remove rear fender, brake light, and rear turn signals from motorcycle (see Fig. 3 and Fig. 4).
5. Remove right side rider foot controls (see Fig. 5 for bolt locations).
6. Remove right side passenger foot rest (see Fig. 6 for bolt locations).
7. Remove stock metal tailpipe heatshield by removing the bolt shown in Fig. 7.
8. Remove stock muffler mounting bolts (see Fig. 8 and Fig. 9).
9. Loosen exhaust clamp shown in Fig. 10 and remove stock tailpipe, muffler, muffler heatshield.
10. Remove bolt in subframe shown in Fig. 11. This will be the new muffler mouning location for the Yoshimura muffler. The stock muffler mounting points on each side of the subframe will not be used.
11. Cut out the supplied heatshield template.
12. Tape or firmly hold template to adhesive side (not foil side) of heatshield.
13. Trace outline of template on heatshield.
14. Use scissors to cut heatshield to outline. When cutting, keep excess in one piece - the extra piece will be used later.
15. Use rubbing alcohol to clean area where heatshield will be applied.
16. Remove adhesive backing and apply to underside of rear fender assembly (see Fig. 12 for BEFORE and AFTER pictures of adhesive foil heatshield installation).

**NOTE:** Take a moment to examine how the heatshield lines up with the features of the undertail plastic before you begin.

17. After the heatshield is installed use the scraps to patch or cover any open areas.
18. Slide supplied collector clamp over the inlet of the Yoshimura tailpipe and slide tailpipe onto stock header outlet.  
**NOTE:** No exhaust gasket is used between the stock header and the Yoshimura tailpipe.
19. Install supplied muffler clamp heat insulator to inside of muffler clamp. Slide muffler clamp onto Yoshimura muffler and slide Yoshimura muffler onto Yoshimura tailpipe. Line up muffler clamp ears with new muffler mount location (shown in Fig. 11). Bolt the right side of the clamp to the subframe with the supplied bolt. Slide left side of muffler clamp over the protruding bolt and install the supplied nut.
20. Install exhaust springs between the muffler and the tailpipe.
21. Check alignment of exhaust, then torque supplied collector clamp to 1.25 kg-m (9 lb-ft).
22. Torque muffler clamp bolt and nut to 2.5 kg-m (18 lb-ft).
23. It is recommended that the muffler and tailpipe be wiped down with rubbing alcohol to remove oil and fingerprints. This will help prevent tarnishing of the finish after the exhaust is heated up.
24. Install rubber bumpers into the stock plastic muffler heatshields (see Fig. 13, Fig. 14, and Parts Diagram on the last page).
25. Re-install tailpipe heat shield, rear fender, seat cowling, foot peg, and seat in reverse order of disassembly. Check for proper operation of tail light, brake light, and turn signals before completion.  
**NOTE:** The stock tailpipe heatshield has a rubber grommet on the back of it. Make sure that the rubber grommet is inserted correctly into the tab on the subframe.
26. Check for proper clearance between new exhaust system and motorcycle. (i.e. Swing-arm, body work, etc.) If any problem is found, please carefully follow through the installation steps again. If problem still persists, please call Yoshimura tech department at (800)634-9166 / in CA (909)628-4722.

**Note:** After starting motorcycle, it is normal for new exhaust system and muffler to smoke until oil residue burns off.





**Fig. 3**



**Fig. 4**



**Fig. 5**



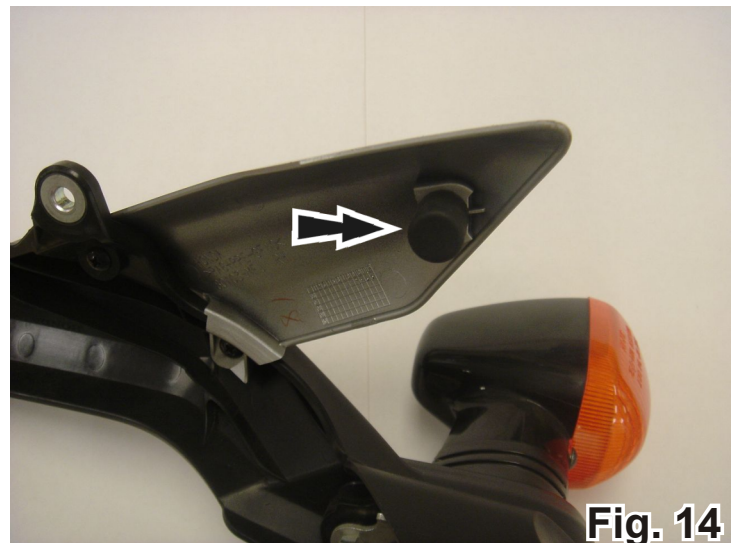
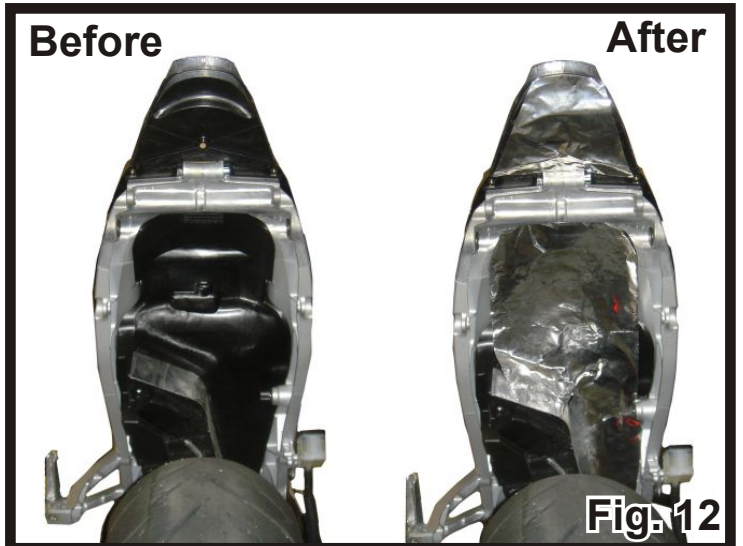
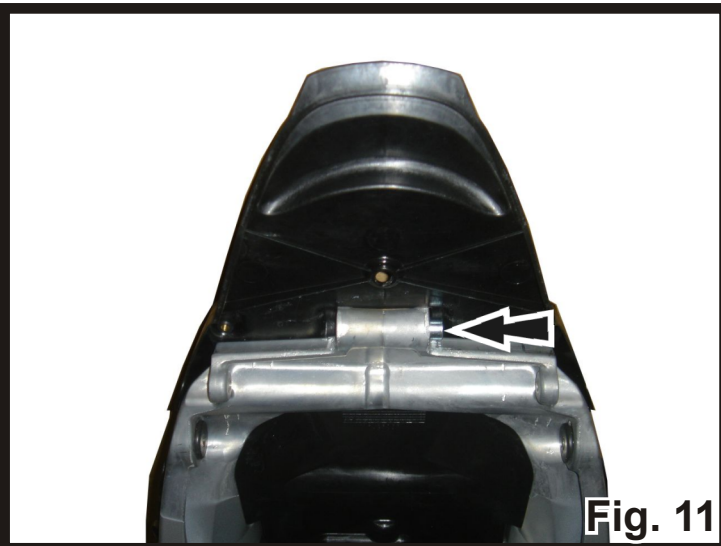
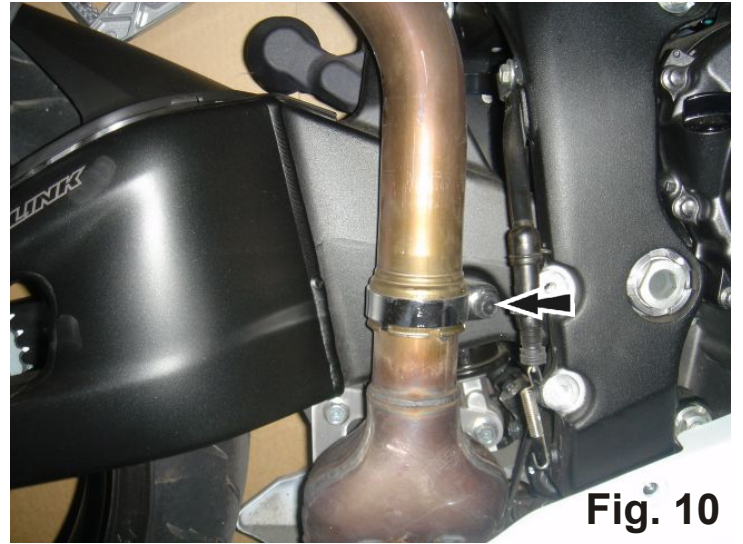
**Fig. 6**



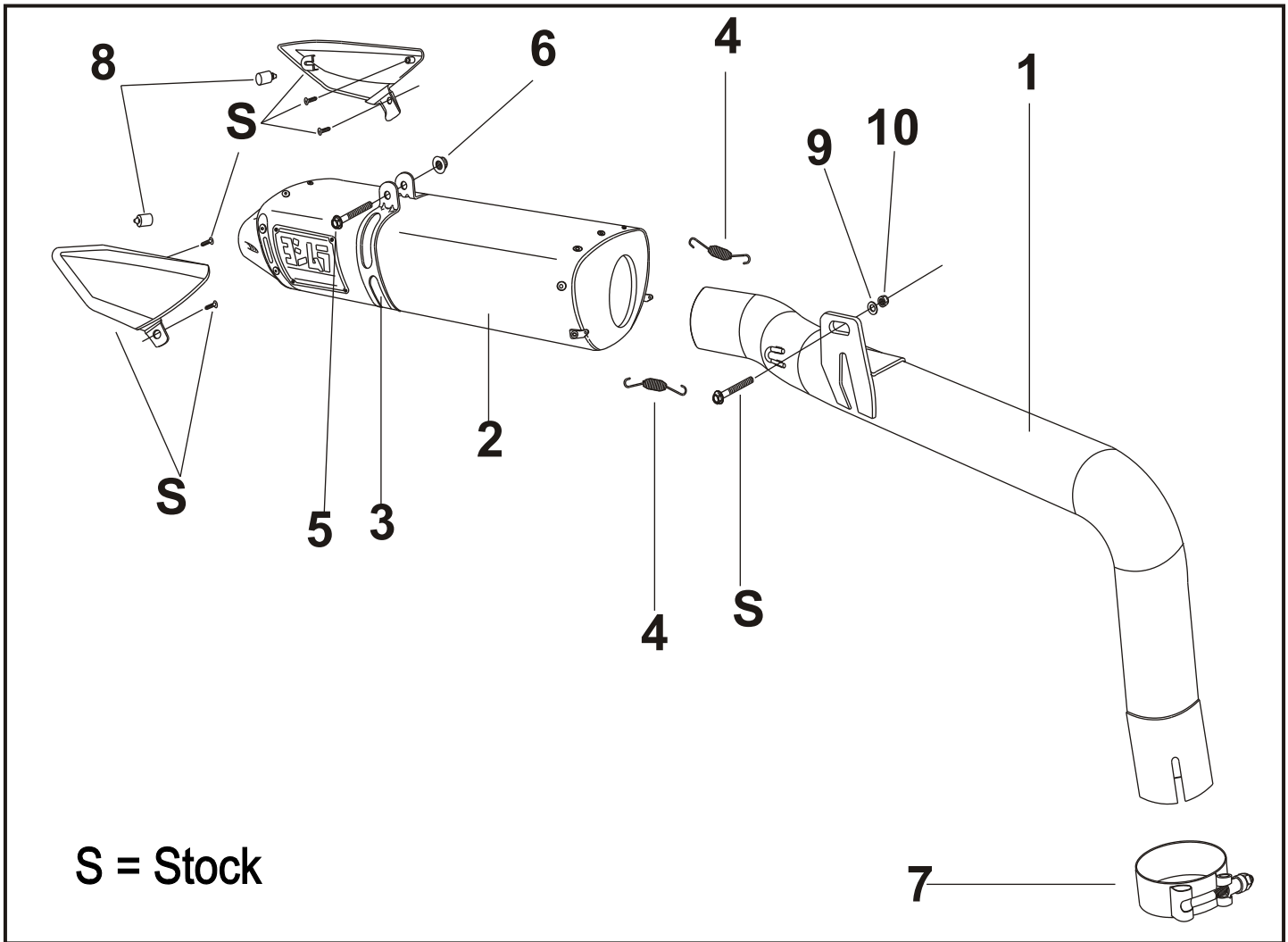
**Fig. 7**



**Fig. 8**



**#12270E7220**



Parts Diagram

NO.	DESCRIPTION	QTY	PART #
1	Yoshimura Stainless Steel tailpipe	1	1227-435
2	RS-5 Muffler Assembly with Carbon Fiber Sleeve with Stainless Steel Sleeve	1	N/A
3	Stainless Steel Muffler Clamp Stainless Steel or Titanium Sleeve use Carbon Fiber Sleeve use	1	1227-MPCX 1227-MPC
4	2.5" Exhaust Spring	2	RACE-SPS-1
5	8mm x 65mm Flanged Hex Bolt (Fully Threaded)	1	M8X65H-F
6	8mm Nut	1	8MMNUT
7	Stainless Steel Exhaust Clamp	1	27-62MSH
8	Rubber Bumper	2	4284-034
9	6MM Flat Washer	1	6MMWASHER
10	6MM Nylon Lock Nut	1	6MMLN
**	Adhesive Back Foil Heatshield (8" X 16")	2	1200-00-01
**	Muffler Clamp Heat Insulator	1	HT SHLDTRS
**	Foil Heatshield Template	1	**
**	Yoshimura Vinyl Sticker	1	17029

## **NOISE EMISSION WARRANTY**

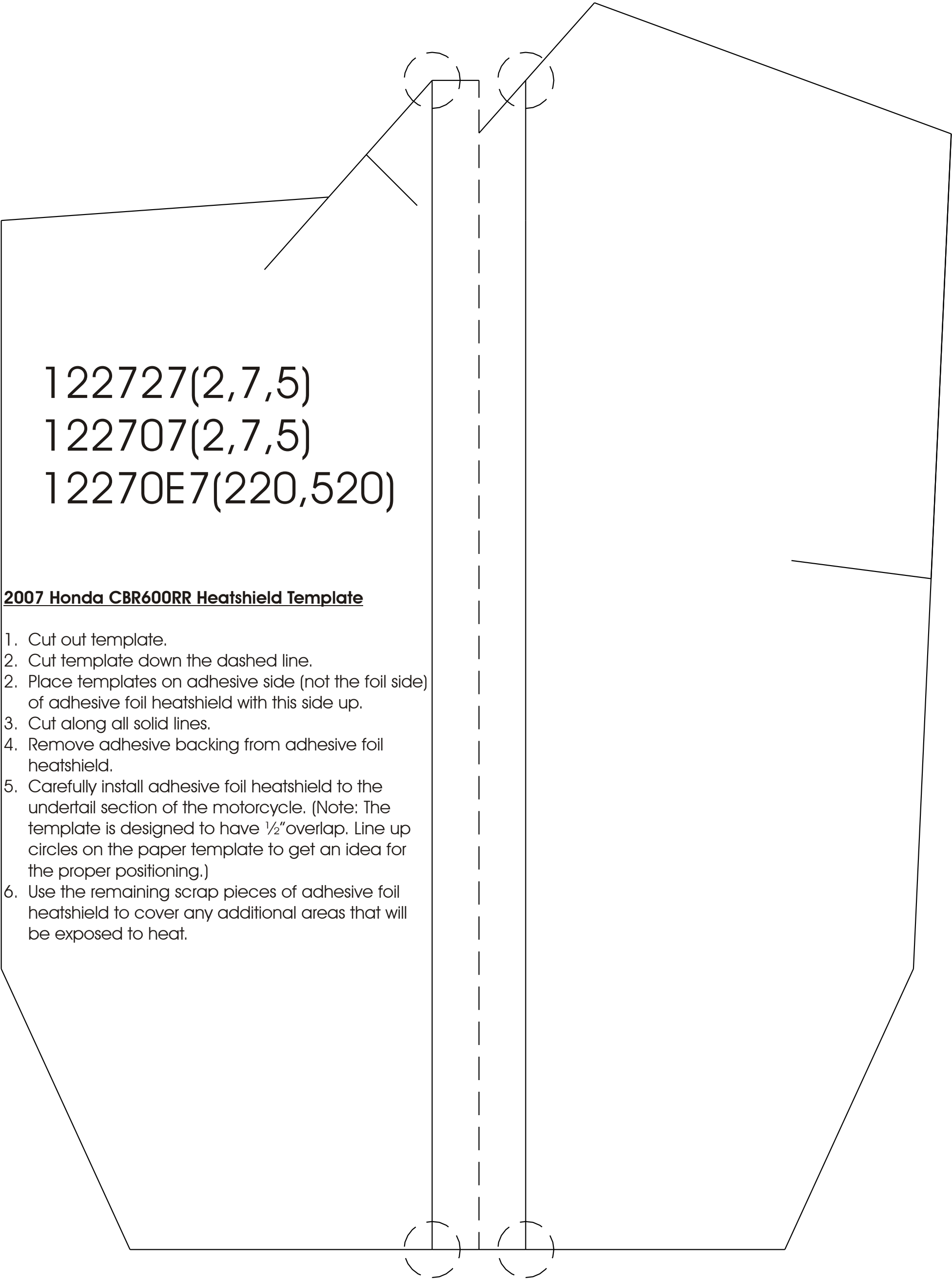
Yoshimura warrants that this exhaust system, at time of sale, meets all applicable U.S. E.P.A. Federal noise standards. This warranty extends to the first person who buys this exhaust system for purposes other than resale, and to all subsequent buyers. Warranty claims should be directed to Yoshimura R&D of America, Inc.  
5420 Daniels St. Chino, CA 91710 | Tel (800) 634-9166

## **TAMPERING PROHIBITION**

Federal law prohibits any modification to this exhaust system which causes the motorcycle to exceed the Federal noise standard. Use of the motorcycle with such a modified exhaust system is also prohibited.

Acts likely to constitute tampering include removal or puncturing the muffler, baffles, header pipes, or any other component which conducts exhaust gases.

**WARNING: This product should be checked for repair or replacement if the motorcycle noise has increased significantly through use. Otherwise, the owner may become subject to penalties under state and local ordinances.**



1 22727(2,7,5)  
1 22707(2,7,5)  
1 2270E7(220,520)

**2007 Honda CBR600RR Heatshield Template**

1. Cut out template.
2. Cut template down the dashed line.
2. Place templates on adhesive side (not the foil side) of adhesive foil heatshield with this side up.
3. Cut along all solid lines.
4. Remove adhesive backing from adhesive foil heatshield.
5. Carefully install adhesive foil heatshield to the undertail section of the motorcycle. (Note: The template is designed to have  $\frac{1}{2}$ " overlap. Line up circles on the paper template to get an idea for the proper positioning.)
6. Use the remaining scrap pieces of adhesive foil heatshield to cover any additional areas that will be exposed to heat.



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122727(2,7,5)

122707(2,7,5)

12270E7(220,520)



**2007 Honda CBR600RR Heatshield Template**

1. Cut out template.
2. Center template on adhesive side (not the foil side) of adhesive foil heatshield with this side up.
3. Cut along all solid lines.
4. Remove adhesive backing from adhesive foil heatshield.
5. Carefully install adhesive foil heatshield to the undertail section of the motorcycle.
6. Use the remaining scrap pieces of adhesive foil heatshield to cover any additional areas that will be exposed to heat.