YOSHIMURA
RESEARCH&DEVELOPMENT OF AMERICA, INC.
5420 DANIELS STREET STE A, CHINO CA., 91710 · (800) 634-9166 · (909) 628-4722 · FAX (909) 591-2198
www.yoshimura-rd.com

Street Series

Qualified Manufacturer Declared "Replacement Part"

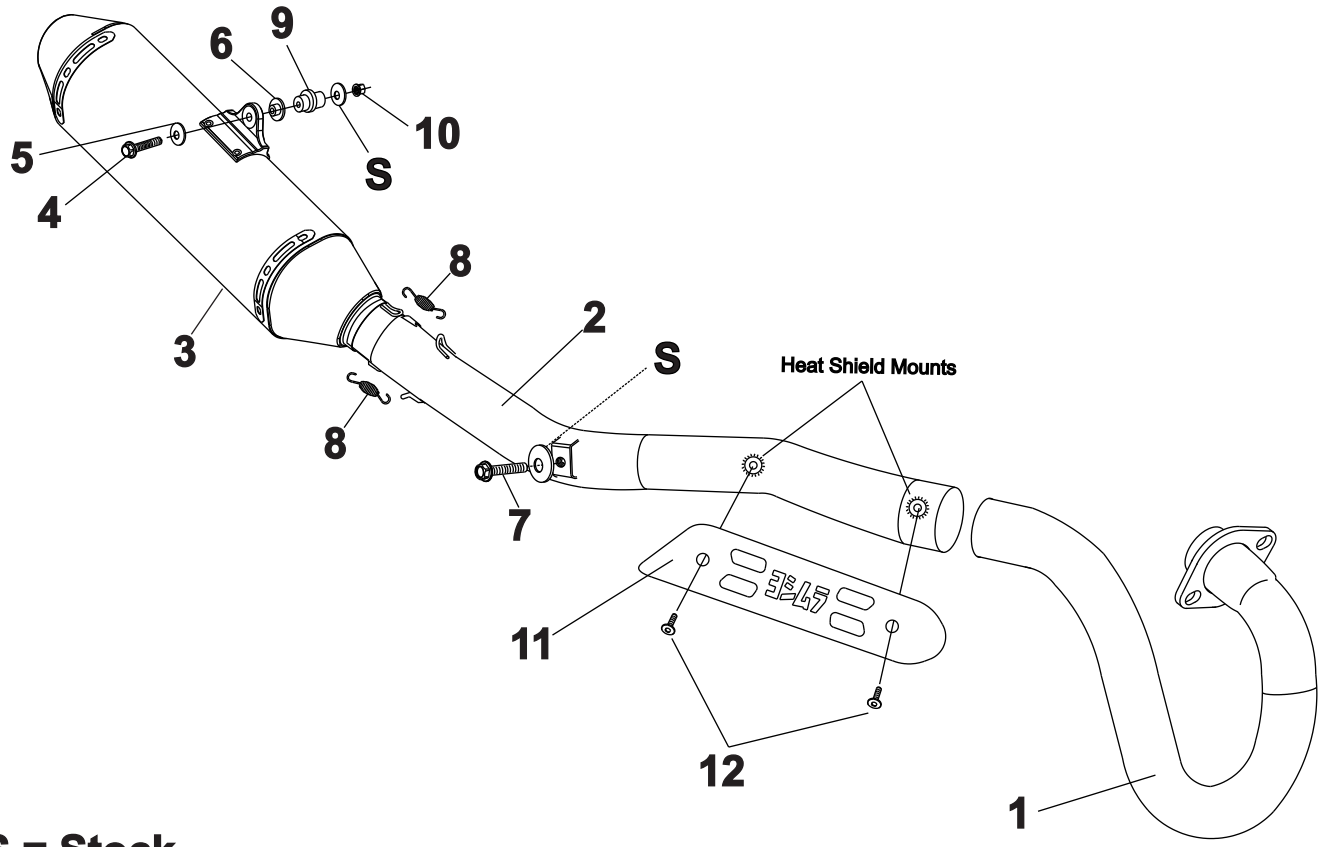
2000~2024
Suzuki DR-Z400 S/SM
216600C250 (SS/CF)
216600C350 (SS/AL)
RS-2 Stainless Steel Full-System

All Street Series systems are:
- Slip-on/Bolt-on applications that do not require tampering with the vehicle's emissions control system.
- CARB/EPA tail-pipe emissions compliant.
- Marked with appropriate EPA noise labels.
- Not tested for EPA new vehicle noise compliance.

You must know how to remove and replace your stock exhaust in order to install this product otherwise have it installed by a professional mechanic. Keep all stock parts from your existing system as some components may be necessary to install your new Yoshimura exhaust depending on the application. Read through all instructions before beginning installation. 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: IN THE STATE OF CALIFORNIA, IT IS ILLEGAL TO MODIFY THE EMISSION CONTROL SYSTEM, WHICH INCLUDES THE CARBURETORS OF ANY VEHICLE.

Assembly Diagram



S = Stock

NO.	DESCRIPTION	QTY	PART #
1	Yoshimura Header Stainless Steel	1	 21660-101
2	Yoshimura Tailpipe Stainless Steel	1	 2166-144
3	Muffler Assembly RS2 Muffler with Carbon Fiber Sleeve RS2 Muffler with Aluminum Sleeve	1	 216600C250-RMA 216600C350-RMA
4	8mm x 60mm Socket Head Bolt	1	M8X60H
5	Large Washer	1	8MMWASHERL
6	Aluminum Insert	1	ALS-003
7	8mm x 30mm Flange Hex Bolt	1	M8X30H
8	Medium Exhaust Springs	2	RACE-SPS-1
9	Muffler Mount Spacer	1	2166-SPCR
10	8mm Flange Nut	1	8MMNUT
11	Yoshimura Heatshield	1	2165-HS
12	6x8mm Button Head Flange Screw	2	RC116HSB
**	Offroad Endcap Plug	1	347PLUG
**	Spring Puller Tool	1	ST-200
**	Rubber Grommet	1	Z1022
**	Yoshimura Vinyl Sticker	1	17100

Installation Procedures:

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
3/8" ratchet and extension
Allen bit set for torque wrench
Torque wrench

Fig. 1

Installation Steps:

1. *Remove right rear number plate (see Fig. 1).*
2. *Remove stock exhaust system and stock exhaust port gasket. Note: Remove stock rubber grommet from muffler mount.*
3. *The stock exhaust port gasket will be re-used with the Yoshimura full-system. Inspect and replace if necessary.*
4. *Install Yoshimura header using stock header nuts. Do not torque at this point.*
5. *Install muffler and tail-pipe onto header.*
6. *Bolt tail-pipe to stock chassis mount using supplied bolt (see Fig. 2). Do not torque bolt at this point.*
7. *Mount muffler to stock muffler mount location using a combination of stock hardware and supplied bolt, washers, and aluminum spacer (see Fig. 3 and Parts Diagram for orientation).*

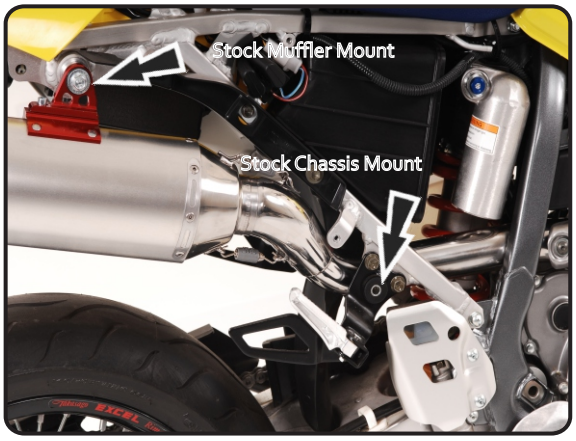


Fig. 2

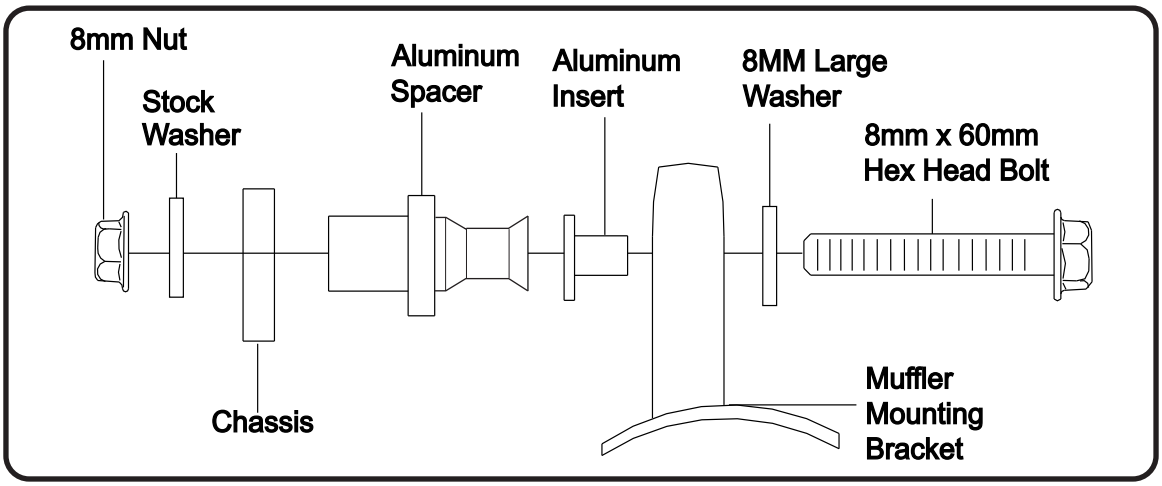


Fig. 3

Installation Procedures:

8. *Torque chassis mount bolt and muffler mount bolt to factory specifications.*

9. *Torque header nuts to factory specifications.*

10. *Install Yoshimura heat shield onto Yoshimura tailpipe using supplied heatshield bolts.*

11. *It is recommended that the entire exhaust system 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.*

12. *Before starting motorcycle check for proper clearance between new exhaust system and rear suspension (i.e. rear brake, frame, shock spring, etc). If any problem is found, please carefully follow through the installation steps again. If problem still persists, please call Yoshimura technical department at (800)634-9166 / in CA (909) 628-4722 .*

13. *Re-install number plate.*

14. *Check for proper clearance between new exhaust system and number plate.*

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

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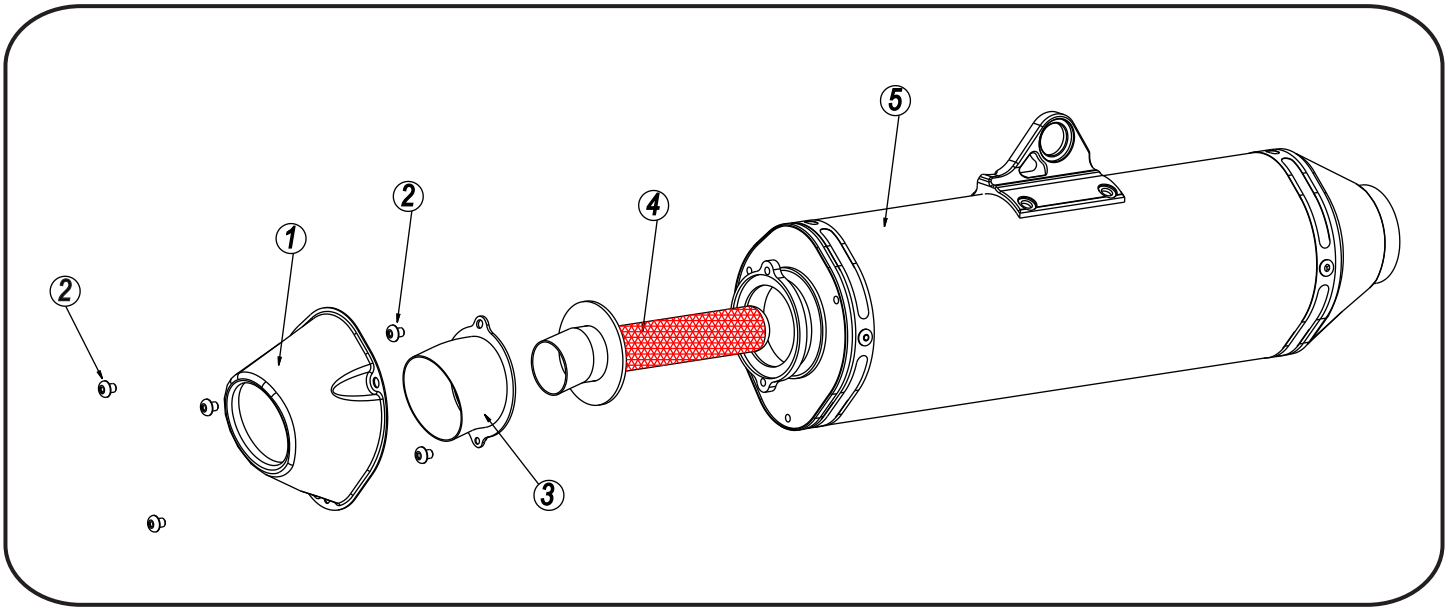
Spark Arrester Cleaning Information



Parts Diagram

Caution: **Muffler can be extremely hot. Let muffler cool down before removing spark arrester.**

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

NO.	DESCRIPTION	QTY
1	Cone Cap	1
2	5mm x 10mm Button Head Bolt	5
3	Exhaust Tip	1
4	Spark Arrester	1
5	Muffler Assembly	1

Tools Needed:

3mm Allen Key
Wire Brush
Pair of Gloves
Safety Glasses

Cleaning Steps:

1 *Using a 3mm Allen key, remove the three 5mm x 10mm button head bolts that secure the cone cap to the muffler (see Parts Diagram for location).*

2 *Remove the two 5mm x 10mm button head bolts that secure the spark arrester to the muffler. Remove the spark arrester from the muffler.*

3 *Using a wire brush, remove carbon deposits from spark arrester screen. Inspect the screen for excessive wear or damage. If spark arrester is excessively worn or damaged, the spark arrester must be replaced. Cleaning and inspection should be performed after every 60 hours of use.*

CAUTION: Gloves and Safety Glasses should be worn while cleaning spark arrester.

4 *Re-install spark arrester and cone cap. Torque the 5mm x 10mm bolts to 1.0 kg-m (7.3 lb-ft).*

NOTE: It is recommended that a low strength "Loc-tite" is used on the 5mm x 10mm bolts.

YOSHIMURA®
RESEARCH AND DEVELOPMENT OF AMERICA, INC.

Dear Customer,

Thank you for purchasing a Yoshimura R&D of America Exhaust System. Over seven decades of experience in research and development, state-of-the-art machinery, materials and craftsmanship of the highest quality all come together in a product of exceptional quality and performance—in other words, this is the best thing you can put on your bike.
We strive to provide you with a product perfect in fit and finish. However, if you have any problems, please give us a call. We have found that most fitment issues can be easily resolved by a conversation with one of our knowledgeable and friendly staff. If the issue cannot be resolved this way, our warranty evaluation program may be the answer. Please take a moment to review our recommendations for the care of your exhaust and our warranty information.

PLEASE NOTE: If you have any doubts about your exhaust: **DO NOT START THE MOTORCYCLE! ONCE AN EXHAUST HAS BEEN USED OR MODIFIED, IT CANNOT BE RETURNED FOR CREDIT OR EXCHANGE.**

EXHAUST SYSTEM MAINTENANCE

Yoshimura R&D of America Exhaust Systems require very little care and maintenance; here are a few tips:

1. Use mild car/motorcycle soap to clean the exhaust system—do not use any abrasives or degreasers.
2. Clean your exhaust with metal/stainless polish every 1-2 months to retain the luster and remove dirt and grime. (DO NOT USE POLISH ON “WORKS FINISH” SYSTEMS)
3. Avoid contaminating exhaust surfaces when hot.
4. Your exhaust system will change color (blue, magenta, purple, and/or gold) due to heat; this is normal.
5. Keep all clamps, bolts and other fasteners tight as exhaust systems are susceptible to vibration damage.
6. If you ride in coastal regions or areas that use salt to control ice and snow, wipe the exhaust down after it cools to remove any possible salt residue, which can result in rusting.
7. If you are storing your motorcycle for the season, wipe the exhaust system down with rubbing alcohol before storage.
8. Head pipes glowing (visible in normal light) may indicate an excessively lean condition that must be corrected.

CARBON FIBER:

Carbon fiber equipped exhaust components require special attention. The following addresses wear issues directly related to carbon fiber:

1. Keep all chemicals and solvents away from the carbon fiber, as they will damage the finish.
2. High temperatures will cause the resin in the carbon fiber to break down. Visual signs such as an amber hue in the resin may be early signs of heat damage to carbon fiber.
3. Upon seeing amber-colored resin, discontinue use. The exhaust system needs to be inspected by a representative from Yoshimura, for repack, and/or repair. Continued use will cause component failure.

STAINLESS STEEL:

Stainless steel is not rust-proof but is less prone to rusting, staining and pitting; it is prone to oxidation like all metals.

WORKS FINISH:

1. Works Finish exhaust systems should never be cleaned with abrasives or polishes.
2. Yoshimura recommends using “Bar Keepers Friend” cleaner to remove minor stains.
3. Surface reconditioning services are available to remove scratches and undesirable discoloration due to extreme heat. Contact Yoshimura Tech Department at (800) 634-9166 / in CA (909) 628-4722 for more information.

RE-PACKING TIPS

To maintain maximum sound and engine performance the muffler packing will need to be replaced at some time during the muffler's life. Yoshimura recommends repacking your muffler at least once per year. However, depending on your riding style and motorcycle, more frequent packing may be necessary. Failure to maintain the muffler packing may cause damage to the muffler and/or void the warranty. Regularly inspect the muffler body for discoloration, cracks, rattling, increased sound levels, or other signs of wear, all of which may be caused by depleted muffler packing. If muffler packing is determined to be depleted or worn, a Yoshimura muffler re-pack kit is highly recommended to restore the muffler to optimum performance. Yoshimura offers a 3-5 day turnaround (plus transit time) to inspect and refurbish used and damaged mufflers. **For more information on muffler repacking please visit our website at:** http://www.yoshimura-rd.com/muffler-repacking

YOSHIMURA R&D OF AMERICA EXHAUST LIMITED WARRANTY

All Yoshimura R&D of America exhaust systems carry a one-year limited warranty against defects in workmanship and/or materials.

WHO IS COVERED?

This warranty is provided to the original purchaser of the exhaust system.

WHAT VOIDS THE WARRANTY?

1. Custom applications, abuse, misuse, improper installation and/or modifications
2. No proof of purchase at the time of warranty.
3. Finishes such as plating or painted surfaces with discoloration or rust due to inclement weather conditions, exposure to salt, exposure to chemicals, or lack of maintenance by the customer are not covered.
4. International grey-market products purchased from an unauthorized dealer/distributor are not directly supported.

EXTENT OF WARRANTY:

Any defective product properly returned to Yoshimura R&D of America will be repaired or replaced at their discretion. Yoshimura R&D of America is not responsible for any other expenses incurred by the customer under the terms of this limited warranty, nor are they responsible for any damages either consequential, incidental, special, contingent or otherwise; or expenses or injury arising directly or indirectly from the use of the product. Any product returned to Yoshimura R&D of America must be sent at the customer's expense and accompanied by a Returned Merchandise Authorization (RMA). Yoshimura R&D of America reserves the right to determine whether the terms of the warranty have been properly followed. If these terms are not followed, this warranty is void. Yoshimura R&D of America reserves the sole right to determine whether a warranty claim involves abuse, misuse, improper installation, or modification. The duration of all implied warranties is limited to the duration of the express warranty. All incidental or consequential damages are hereby excluded. The warranty gives you specific legal rights, and you may have other rights. Some states do not allow the exclusion or limitation of incidental or consequential damage or limitations on how long an implied warranty lasts, so the above limitations and exclusions may not apply to you.

If you have a fitment or other problem, or are missing a part, please double-check this troubleshooting guide first:

1. Review your instruction sheet's drawings to verify you have the correct header, tailpipe, and muffler part numbers.
2. Make sure muffler clamps are installed correctly. On many models, there is a right and wrong way to install. Also verify part numbers on headers and tail pipe.
3. Always make sure to install spring-mounted manifolds and flanges on cylinder head prior to installing headers.
4. When all else fails, call our technical support line at (909) 628-4722. The technical line is open 8:00 AM – 5:00 PM Monday through Friday, Pacific Time.
5. Please have the following information handy: Year/Make/Model of the motorcycle, date of purchase, place of purchase, batch dates and part numbers (found on header and tail-pipe components).
6. You can also e-mail sales@yoshimura-rd.com, or text your question to (909) 206-4477.