



YOSHIMURA

RESEARCH&DEVELOPMENT OF AMERICA, INC.

5420 DANIELS STREET STE A, CHINO CA 91710 · (800)634-9166 · (909)628-4722 · FACSIMILE (909)591-2198

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OFF-ROAD PERFORMANCE EXHAUST SYSTEM SPARK ARRESTED

**HONDA
XR650L**

2235703

RS2 STAINLESS STEEL SLIP-ON SYSTEM WITH STAINLESS SLEEVE



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



CAUTION: The muffler packing on this system **MUST** be replaced every 6-8 hours of use, or after each moto. Failure to follow recommended muffler re-packing interval can cause muffler damage and may void the warranty.



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

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
Ratchet Wrench and Extension
Torque Wrench

Installation Steps:

1. Stock exhaust removal.
 - Remove 2 stock bolts and remove right side panel. (Fig. 1)
 - Loosen the muffler clamp. (Fig 2 & 3)
 - Remove the 2 bolt that holds the muffler assembly to subframe. (See Fig. 2 & 3)
 - Remove muffler.
2. Yoshimura Slip-on system installation.
 - Slide supplied muffler clamp (Item # 4) over tailpipe.
 - Carefully install Yoshimura muffler and tailpipe onto stock header. Mount muffler and tailpipe assembly using supplied bolts and washers (Item # 5-10).
 - Tighten muffler and tailpipe mount bolts to 16.5 lb-ft (23.0 N-M)
3. Reinstall stock muffler cover using the reverse steps of removal.
4. Before starting motorcycle, check for proper clearance between new exhaust system and rear suspension (i.e. tire, swing-arm, brake, rear shock, engine 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.

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.

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



Fig. 1



Fig. 2

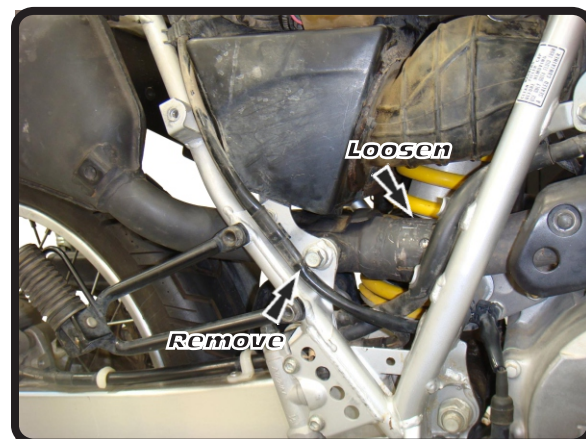
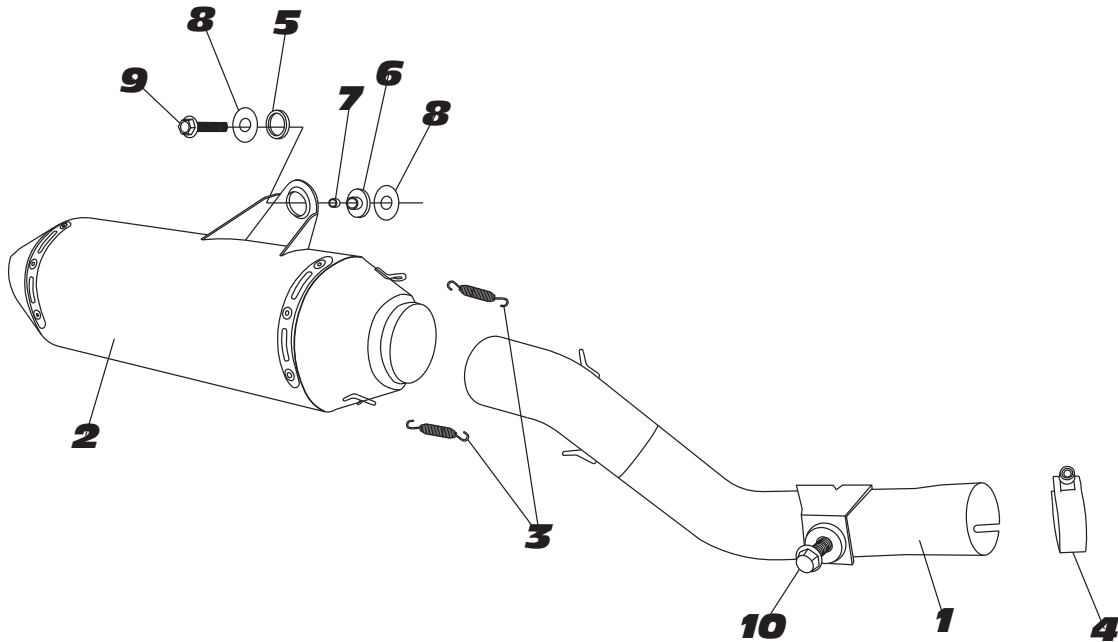


Fig. 3

#2235703

Parts Diagram

NO.	DESCRIPTION	QTY	PART #
1	Stainless Steel Tailpipe	1	2235-152
2	Stainless Steel RS2 Muffler	1	2235703-RMA
3	Muffler Springs, Small	2	RACE-SPX-1
4	59MM Stainless Tailpipe Clamp	1	22059
5	Exhaust Bracket Rubber Grommet	1	Z1030
6	Exhaust Bracket Rubber Grommet	1	Z1031
7	Exhaust Bracket Grommet Spacer	1	Z1031-SP
8	8mm X 38mm Flat Washer	2	8X38WSH
9	8mm X 65mm Flange Head Bolt	1	M8X65H
10	8mm X 25mm Flange Head Bolt	1	M8X25H
**	Offroad Endcap Plug	1	347PLUG
**	Spring Puller Tool	1	ST-200
**	Yoshimura Vinyl Sticker	1	17029



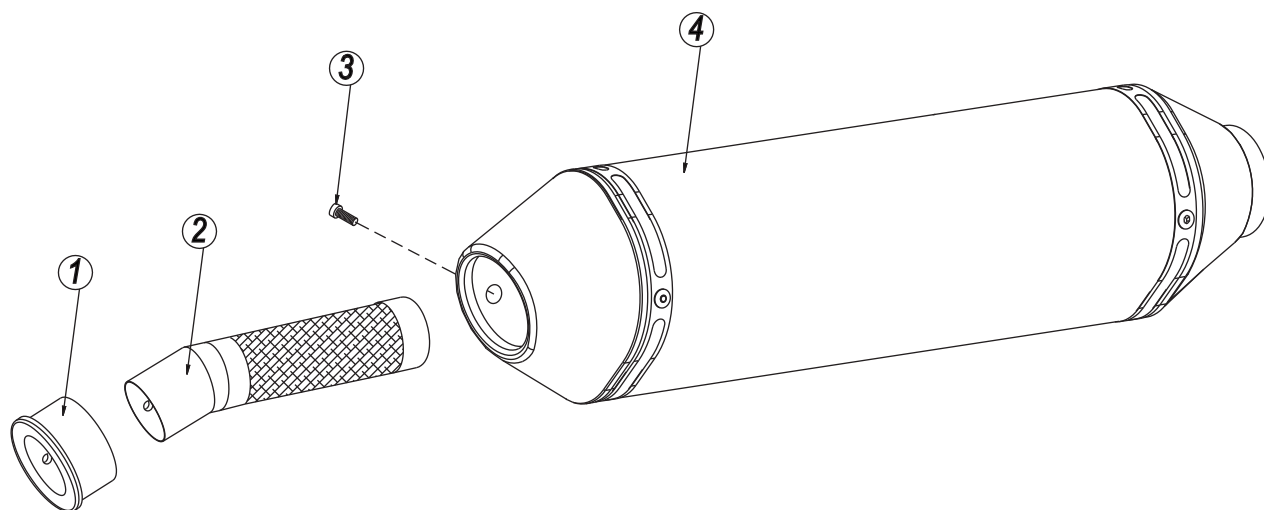
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Spark Arrester Cleaning Information



Parts Diagram

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

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

Tools Needed:

3mm Allen Key
Wire Brush
Pair of Gloves
Safety Glasses

Cleaning Steps:

- 1 Using a 3mm Allen key, remove the bolt that secures the aluminum ring and spark arrester to the muffler (see Parts Diagram for location).
- 2 Remove the spark arrester from the muffler.

NO.	DESCRIPTION	QTY
1	Aluminum Ring	1
2	Spark Arrester	1
3	Spark Arrester Securing Bolt	1
4	Muffler Assembly	1

- 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 aluminum ring. Torque the spark arrester securing bolt to 1.0 kg-m (7.3 lb-ft).

NOTE: *It is recommended that a low strength "Loc-tite" is used on the spark arrester securing bolt.*