YOSHIMURA
RESEARCH&DEVELOPMENT OF AMERICA, INC.
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RS-5 PERFORMANCE EXHAUST SYSTEM

2006-2010 TRIUMPH DAYTONA 675

1505272	*RS-5 SLIPON WITH CARBON FIBER SLEEVE*
1505275	*RS-5 SLIPON WITH STAINLESS STEEL SLEEVE*
1505277	*RS-5 SLIPON WITH TITANIUM SLEEVE*

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

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. Always wear hand and eye protection and take precautionary measures to avoid injury.
Note: Read through all instructions before beginning installation.

Tools Needed:

8mm, 11mm, 12mm sockets
Ratchet Wrench and Medium Extension
5mm Allen wrench
Torque wrench
Sharp Scissors & Pen

Installation Steps:

1. Remove passenger and rider seats (Rider seat is removed with key, remove passenger seat by removing allen bolt).
2. Remove rear cowl by removing the four allen head bolts (as shown in Fig. #1).
3. Disconnect the rear lights connector (as shown in Fig. #2) to remove rear cowl.
4. Loosen stock exhaust clamp between stock muffler and stock tailpipe (as shown in Fig. #3).
5. Remove the four bolts on right and left side of the stock muffler to remove the stock license plate bracket.
6. Remove muffler mounting bolt to remove then stock muffler (as shown in Fig. #4).
7. Loosen lower stock tail pipe clamp and remove lower stock tail pipe (as shown in Fig. #5). Note: for '09-10 models, removal of subframe bolts may be necessary to clear tailpipe for removal.
8. Install Yoshimura heatshield (see page 5 for instructions).
9. Slide supplied exhaust clamp over Yoshimura #1 lower tailpipe and install Yoshimura #1 lower tailpipe leave exhaust clamp loose.
10. Install #2 upper Yoshimura tailpipe onto #1 lower Yoshimura tailpipe using supplied springs.

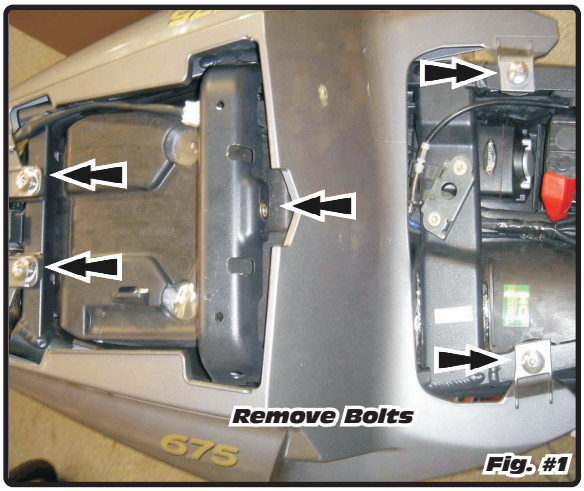


Fig. #1

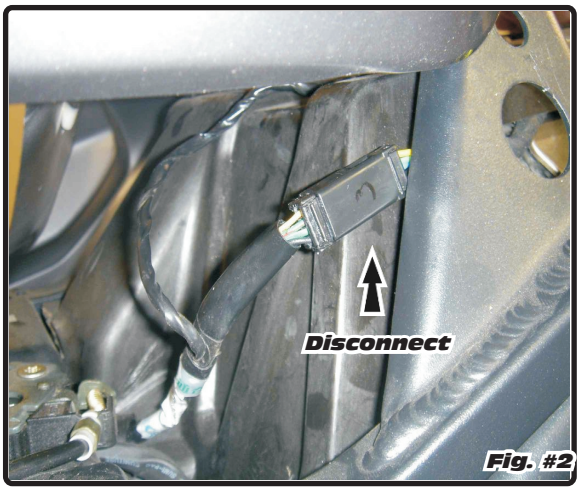


Fig. #2

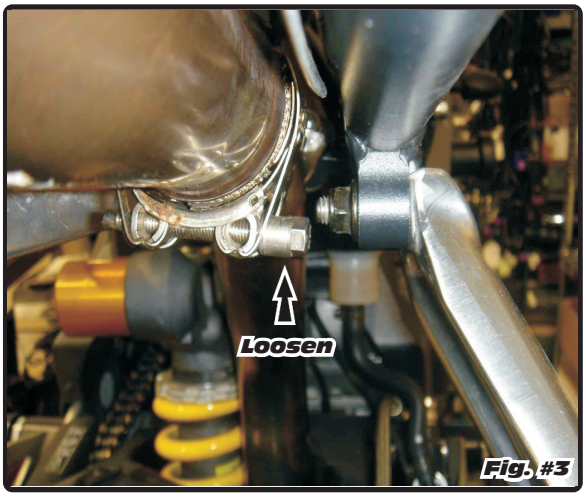


Fig. #3

11. Remove the two stock bolts from the rear fender assembly (as shown in Fig. # 6). Install Yoshimura license plate brackets using the stock hardware (as shown in Fig. # 7 & 8).

12. Install Yoshimura exhaust clamp heat insulator onto exhaust clamp.

13. Install Yoshimura exhaust clamp onto muffler.

14. Install Yoshimura muffler onto Yoshimura tailpipe using supplied springs. Install stock muffler mounting bolt and torque to 2.5 kg-m (15 lb-ft). The Yoshimura exhaust clamp must fit between the two Yoshimura license plate holder brackets (see Fig. # 9).

15. *Check alignment of exhaust, then torque collector clamp to 1.25 kg-m (9 lb-ft).*

16. *Install stock license plate bracket onto Yoshimura license plate bracket holder using supplied hardware (See parts diagram). Stock license plate brackets should go to the inside of the Yoshimura brackets. Using the supplied hardware, bolt one side of the stock license plate bracket loosely to Yoshimura bracket. Fit the other side to the inside of the Yoshimura bracket and insert supplied bolts and nuts. Torque to 1.2 kg-m (9 lb-ft).*

17. Reconnect the rear lights connector and install rear cowl.

18. Install rider and passenger seats.

19. *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 technical department at (800)634-9166 / in CA (909)628-4722.*

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

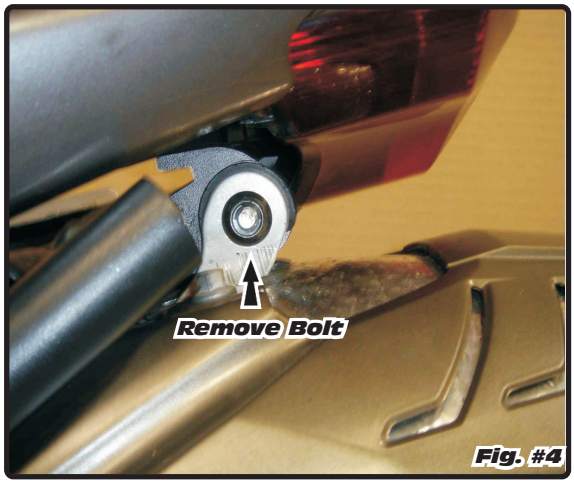
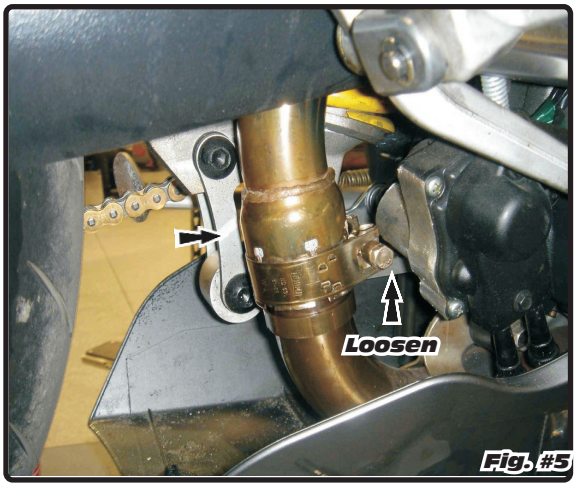
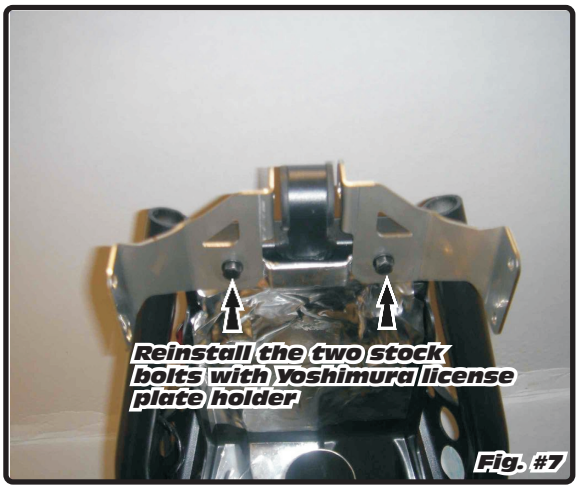
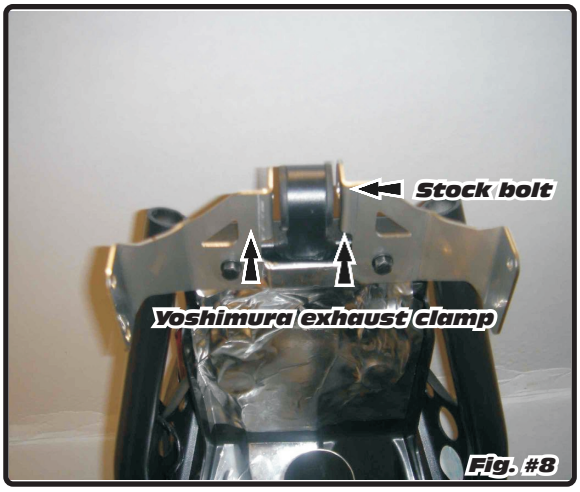


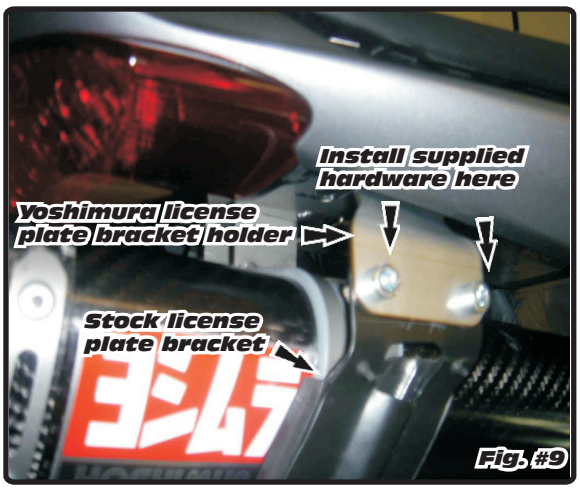
Fig. #4


Loosen
Fig. #5

Remove the two stock bolts
Fig. #6


Reinstall the two stock bolts with Yoshimura license plate holder
Fig. #7


Stock bolt
Yoshimura exhaust clamp
Fig. #8


Install supplied hardware here
Yoshimura license plate bracket holder
Stock license plate bracket
Fig. #9

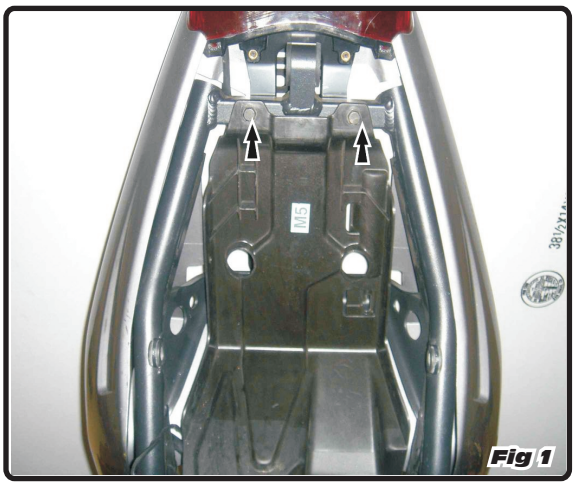


Fig 1

Fig 2

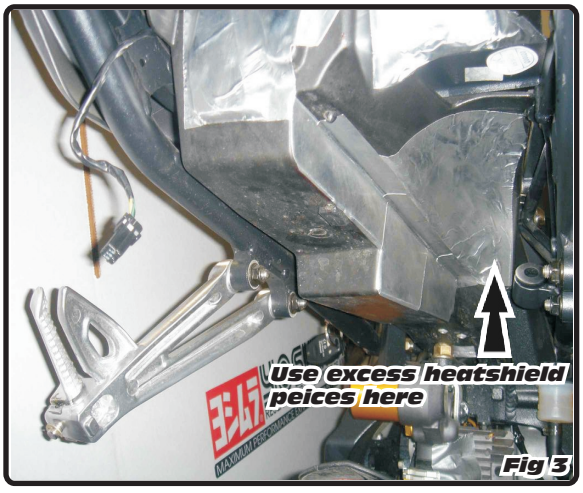


Fig 3

1. Cut out supplied heatshield template.
2. Tape heatshield template to adhesive paper side (not foil side) of heatshield. Make sure template "up" side is correctly oriented.
3. Trace outline of template onto adhesive paper side of heatshield.
4. Use scissors to cut heatshield along the outline. When cutting keep excess in one piece (the extra piece will be used later).
5. Use rubbing alcohol to clean area where heatshield will be applied.
6. Remove the two bolts on the rear fender assembly (as shown in Fig. #1).
7. Remove adhesive backing and apply to underside of rear fender assembly.

   Note: Start by installing the heatshield on the rear underside of rear fender assembly where the two bolts were removed. Work the heatshield to the front of the motorcycle making sure that no air bubbles are present while installing the heatshield.
8. Use a sharp object to cut two holes where the two bolts will go in the rear fender assembly. Reinstall bolts (as shown in Fig. # 2).
9. After main piece of heatshield is installed use remainder of heatshield to cover the area surrounding the tailpipe (as Fig # 3).

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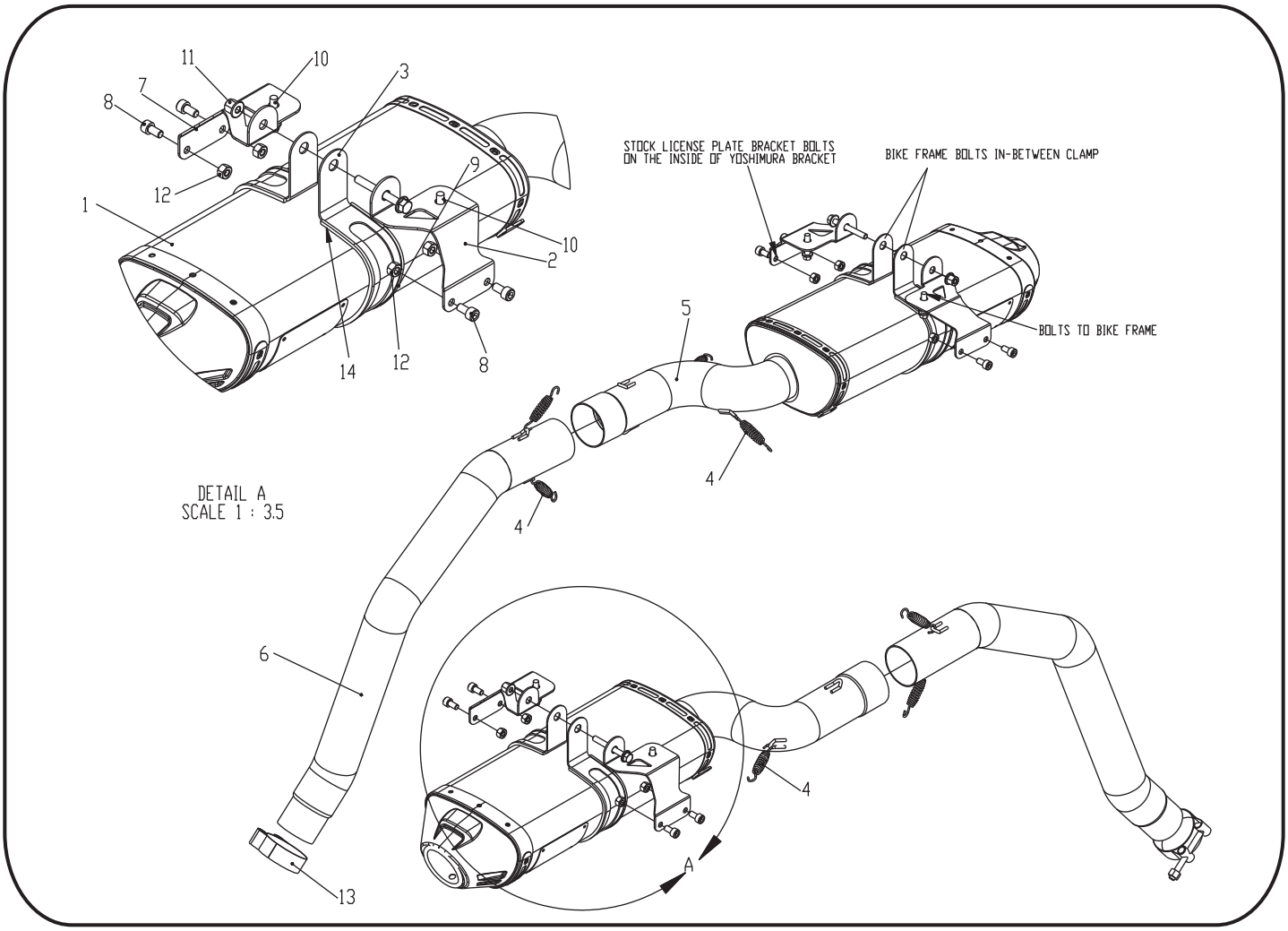

PARTS DIAGRAM

NO.	DESCRIPTION	QTY	PART #
1	12" RS5 Muffler	1	
	Carbon Fiber Sleeve		SRRS5126C
	Stainless Steel Sleeve with CF Endcap		SRRS5126W
	Titanium Sleeve with CF Endcap		TRRS5126C
2	1505 License Plate Bracket Right	1	1505-LPH-R
3	Muffler Clamp	1	
	For Stainless Steel Sleeve		1505-MPCX
	For Carbon Fiber Sleeve		1505-MPC
4	Medium Exhaust Spring	4	RACE-SPS-1
5	Yoshimura Tailpipe #2	1	1505-437
6	Yoshimura Tailpipe #1	1	1505-435
7	1505 License Plate Bracket Left	1	1505-LPH-L
8	6mm X 12mm SOC Head Cap Screw	4	M6X12
9	Stock Bolt	1	**
10	Stock Bolt	1	**
11	Stock Nut	1	**
12	M6x1.0 Nylon Lock Nut	4	6MMLN
13	Collector Clamp	1	22059
14	Heatshield for 5" Clamps	1	HT SHLD5
**	04-6 CBR1000RR Muffler Heatshield	1	1200-00-01
**	Low Volume Insert Kit	1	INS-09-K
**	Spring Puller Tool	1	ST-200
**	Yoshimura Sticker Kit Sheet	1	17029

YOSHIMURA
RESEARCH AND DEVELOPMENT OF AMERICA,INC.

MAS Description

PN: 1505272
DESC: DAYTONA 675 06-10 RS5 CNE SO CF

---DESCRIPTION---

Year/Make/Model:	2006-2010 Triumph Dayton 675
System Configuration:	Stainless Steel Slip On
Muffler Configuration:	CF RS5 Round Tip
Sound Insert:	INS-09-K (INS-N)

---PERFORMANCE---

Power

2006-2008		
OEM:	100.4 Hp	45.4 ft-lb Tq
Yoshi w/ Insert:	103.5 Hp	46.8 ft-lb Tq
Yoshi w/o Insert:	102.9 Hp	46.6 ft-lb Tq
2009-2010		
OEM:	110.2 Hp	47.9 ft-lb Tq
Yoshi w/ Insert:	112.2 Hp	48.6 ft-lb Tq
Yoshi w/o Insert:	112.6 Hp	48.3 ft-lb Tq

Sound

TEST RPM:	5000 (MIC)	5850 (AMA)
2006-2008		
OEM:	90.7 dBA	92.3 dBA
Yoshi w/ Insert:	95.2 dBA	95.8 dBA
Yoshi w/o Insert:	99.1 dBA	99.5 dBA
2009-2010		
OEM:	92.3 dBA	93.9 dBA
Yoshi w/ Insert:	94.0 dBA	95.7 dBA
Yoshi w/o Insert:	99.6 dBA	99.7 dBA

Weight

OEM:	14.7 lb
Yoshi:	6.1 lb