

Jardine

PERFORMANCE PRODUCTS

16-4520-723-02

GP1-R FULL EXHAUST

SUZUKI GSX-R600 / GSX-R750
2008-2009

THIS EXHAUST SYSTEM IS DESIGNED FOR USE IN CLOSED COURSE RACING ONLY, AND IS NOT INTENDED FOR PUBLIC HIGHWAY USE. IN THE STATE OF CALIFORNIA, IT IS ILLEGAL TO MODIFY THE EMISSION CONTROL SYSTEM ON ANY VEHICLE.

08-50-47748 REV. A

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PARTS INCLUDED

Ref.	Part Number	Description	Qty
1)	00-200-02651	Headpipe #1	1
2)	00-200-02652	Headpipe #2	1
3)	00-200-02653	Headpipe #3	1
4)	00-200-02654	Headpipe #4	1
5)	00-200-02655	Headpipe Collector	1
6)	00-200-02656	Muffler Assembly	1
7)	00-200-02659	Fairing Panel	1
8)	02-06-47741	Headpipe Collar	4
9)	03-46-47339	Headpipe Flange	4
10)	04-18-47742	Muffler Mount Spacer	1
11)	00-200-02628	Muffler Mounting Strap	1
12)	07-27-38280	Silicone Muffler Strap Isolator	1
13)	07-23-47893	Adhesive Backed Hook & Loop, 2" x 1.5"	2
14)	07-41-35929	Swivel Spring, Long	12
15)	07-3842062-35	T-Bolt Clamp	1
16)	01-530812585-27	M8-1.25x85mm Hex Flange Head Bolt	1
17)	04-25-41657	Exhaust Servo Bracket	1
18)	01-03050810-SS	M5-0.8x10mm Socket Head Cap Screw, Low	1
19)	01-501212508-21	M12-1.25x8mm Hex Head Bolt	1
20)	01-44620218	12mm Copper Crush Washer	1

TOOLS REQUIRED

Ref.	Description	Ref.	Description
1)	Ratchet	8)	4mm Allen Wrench
2)	3" & 6" Extension	9)	5mm Allen Wrench
3)	WD40 or Equivalent	10)	10mm Wrench
4)	Spring Pull Tool or Needlenose Pliers	11)	12mm Wrench
5)	High-Temp Silicone Sealant	12)	22mm Wrench
6)	Wire Cutters	13)	12mm Socket
7)	Medium Strength Thread Locker	14)	7/16" Deep Socket

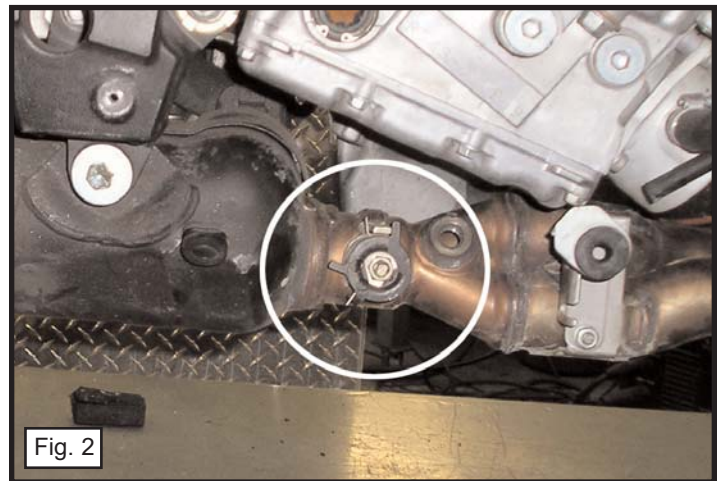
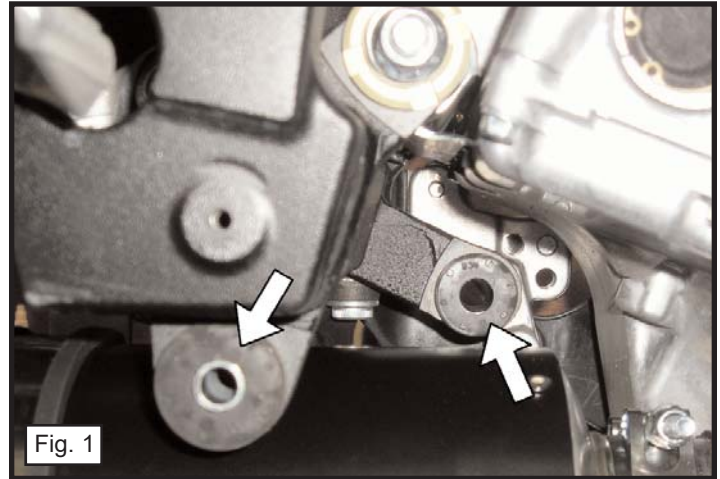
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INSTALLATION INSTRUCTIONS

- 1) Make sure the motorcycle is cool and place securely on a service lift or center stand.
- 2) Remove both the left and right lower fairings. There are a large number of bolts and push pin plastic fasteners securing the lower fairings to the motorcycle frame and other fairing pieces. Carefully work your way around each fairing, removing fasteners until each side comes free. Set each fairing aside so they will not get damaged.
- 3) Loosen the clamp securing the stock muffler assembly to the headpipe assembly outlet.
- 4) Remove the three muffler mounting bolts from the left and right sides of the motorcycle. Remove the stock muffler assembly from the motorcycle.
- 5) Remove the metal sleeves from the two front muffler mount rubber grommets. (Fig. 1)
- 6) Disconnect the cables attached to the exhaust butterfly valve on the headpipes. (Fig. 2)
- 7) The cables must be disconnected from the servo located under the gas tank. To do this, first remove the two bolts securing the rider seat to the frame. Remove the rider seat. (Fig. 3)
- 8) Remove the center bolt at the front of the gas tank.
- 9) Carefully lift the gas tank up, and secure using the prop rod located in the tail section trunk area.



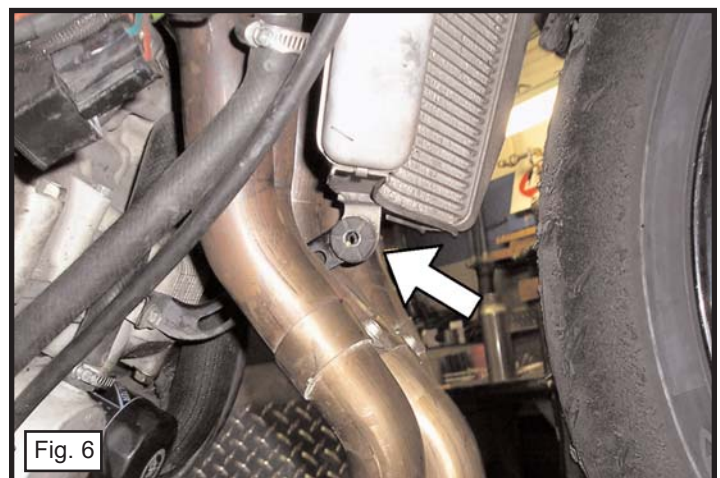
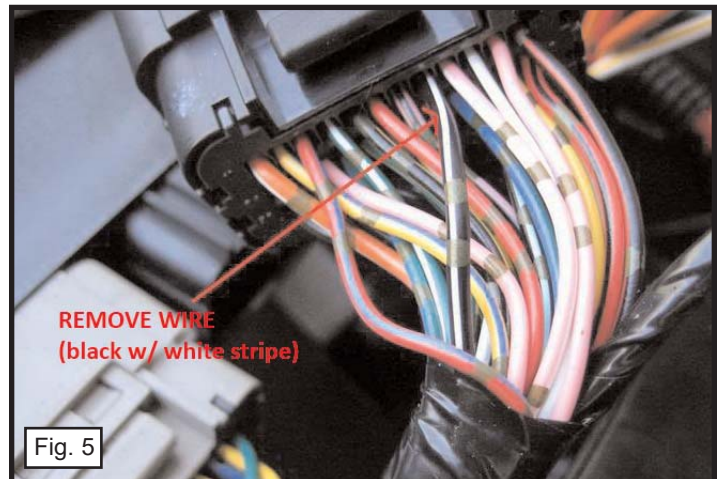
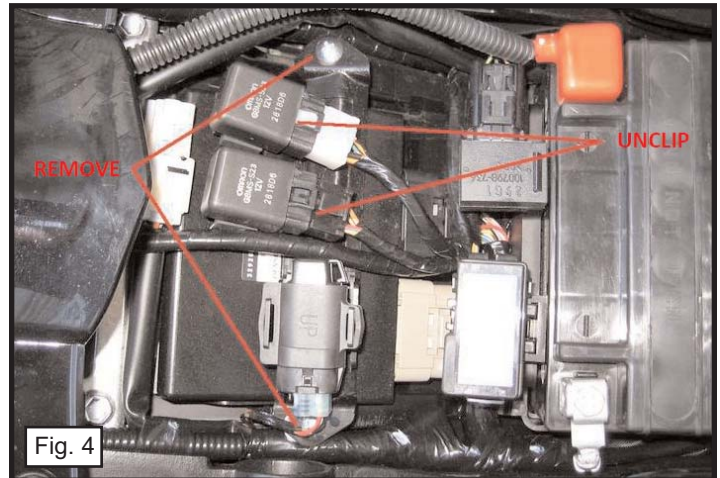
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INSTALLATION INSTRUCTIONS

- 10) Follow the exhaust valve cables up from where they were attached to the stock exhaust system, and find the servo located under the gas tank near the right side frame rail.
- 11) Disconnect the cables from the exhaust servo. Feed the cables through the frame and set aside.
- 12) Locate the motorcycle ECU behind where the battery is located under the rider seat. Remove the negative battery cable from the battery.
- 13) Disconnect the two connectors mounted to the top of the ECU. Remove the two bolts securing the ECU. (Fig. 4)
- 14) Lift up the ECU far enough to disconnect the large black plug.
- 15) Locate the BLACK w/ WHITE STRIPE wire. Using needlenose pliers, firmly pull the wire from the connector and it will come free. Wrap the wire in electrical tape and secure it away from the connector. (Fig. 5)
- 16) Reconnect all wiring, and reinstall the ECU.
- 17) Remove the lower radiator support bolt from the bracket. Swing the radiator out, away from the headpipes. (Fig. 6)
- 18) If your motorcycle is equipped with an O2 sensor, remove the O2 sensor from the stock headpipe assembly.
- 19) Remove the stock exhaust header assembly from the motorcycle.



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20) Inspect all four exhaust ports to make sure the copper gaskets stayed in place when the header assembly was removed. Inspect gaskets for wear and replace if necessary.

21) Remove the stock muffler mounting bracket from the underside of the motorcycle frame. (Fig. 7)

22) Using the original nuts, loosely mount the four Headpipe Collars, and four Headpipe Flanges to the motor. Do not fully tighten the nuts at this time. (Fig. 8)

NOTE: To ease header installation, hang one supplied Swivel Spring from each mounting hole location the header flanges (8 total).

23) Slide the #1,2,3,4 Headpipes onto the headpipe collars until they are fully seated. (Fig. 9)

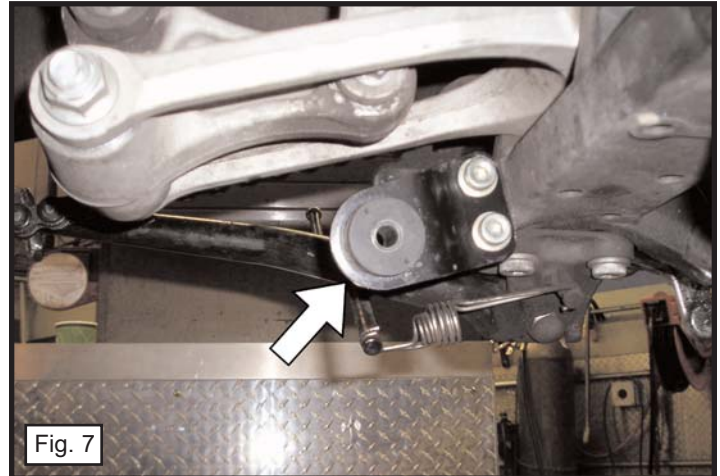
NOTE: Do not connect the headpipe springs yet.

24) Tighten all headpipe flange nuts to factory specification. Connect all 8 headpipe springs from the flanges to the headpipes.

25) Reinstall the lower radiator support bolt. Tighten to factory specification.

26) Slide the supplied Headpipe Collector over all headpipe outlets until the headpipes are fully seated. (Fig. 9, 10)

27) Secure the headpipes to the collector using the remaining four supplied Swivel Springs. (Fig. 10)



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28) If equipped w/ O2 sensor: Install the original O2 sensor to the threaded bung on the new Collector Assembly. Tighten until secure.

If not equipped w/ O2 sensor: Plug the O2 sensor bung using the supplied M12-1.25x8mm Hex Head Bolt and 12mm Copper Crush Washer.

29) Place the supplied T-bolt clamp onto the notched Muffler Assembly inlet tube.

30) Apply a liberal amount of high temperature silicone sealant to the inside of the Muffler Assembly inlet tube, and slide the muffler assembly over the headpipe collector outlet until fully seated. (Fig. 11) Snug, but do not fully tighten the t-bolt clamp at this time.
NOTE: Although not required, you may want to cut off the excess bolt threads protruding from the t-bolt clamp nut.

31) Apply the supplied Silicone Muffler Strap Isolator to the inside of the supplied Muffler Strap. Work the muffler strap over the muffler until it is positioned near the upper threaded hole on the motorcycle frame from the stock muffler mounting bracket. (Fig. 11)
NOTE: The gussets on the muffler strap should be away from the motor when the muffler strap is installed.



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- 32)** Place the supplied Muffler Mount Spacer between the muffler strap tabs and the upper threaded hole on the motorcycle frame. Position the muffler strap, squeeze the muffler strap tabs together and against the muffler mount spacer. Secure the Muffler Assembly to the motorcycle frame using the Supplied M8-1.25x85mm Hex Flange Head Bolt. (Fig. 12) Do not fully tighten at this time. *NOTE: Apply a small amount of thread locker to the bolt threads prior to securing everything.*

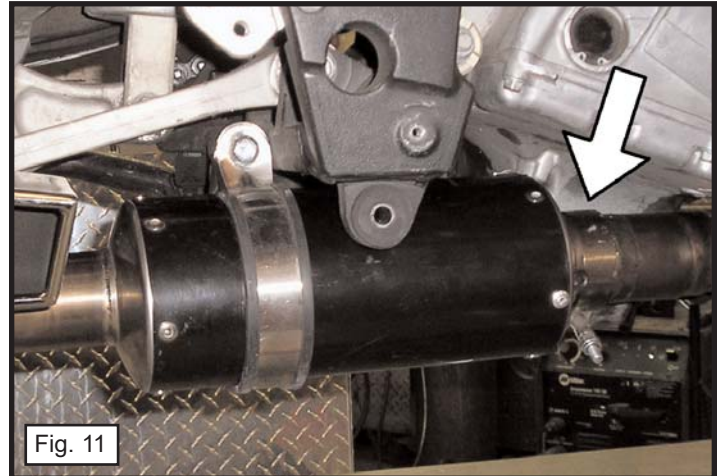


Fig. 11

NOTE: *By design, there is a small amount of adjustment in the exhaust system so that the fairing panel and exhaust outlet line up properly. The following steps may need to be performed a few times in order to adjust everything to fit as well as you would like.*

- 33)** Reinstall the lower fairings to the motorcycle. If this is your first attempt at lining the exhaust system up with the fairing panel, consider not installing every lower fairing fastener, just enough to properly position them on the motorcycle. *NOTE: Do not install the rearmost right side fairing mount bolt. That bolt will also be used to secure the new fairing panel.*



Fig. 12

- 34)** Using the original fairing bolt, loosely secure the new Fairing Panel to the motorcycle frame. Make sure that when installing the Fairing Panel brackets are placed inside the lower fairing. (Fig. 13)



Fig. 13

- 35)** Make note of the location of the exhaust outlet in comparison to the new Fairing Panel. Remove the Fairing Panel.

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36) Adjust the location of the Muffler Assembly so that it will be best centered in the recess in the Fairing Panel.

37) Make sure the T-bolt clamp is covering the notches on the muffler assembly inlet tube. Fully tighten the T-bolt clamp.

38) Fully tighten the muffler mounting bolt and nut.

39) Using rubbing alcohol, clean the inside of the right side lower fairing where the front Fairing Panel bracket will make contact with it.

40) Using rubbing alcohol, clean the side of the front Fairing Panel bracket that will contact the inside of the lower fairing.

41) Peel one protective side of the two supplied Adhesive Backed Hook & Loop squares and place them onto the Fairing Panel brackets. (Fig. 14)

42) Install the Fairing Panel to the motorcycle, as shown in Step #34.

43) Reach under the lower fairing and peel the second side of the Adhesive Backed Hook & Loop squares. Firmly press the lower fairing against the new front fairing panel brackets, until the hook & loop is fully secure.

44) Carefully go over all of the lower fairings to make sure that they are installed correctly, and that all fasteners have been properly reinstalled.

45) Clean the new exhaust outlet and fairing panel of all fingerprints and grease.

46) Start your motorcycle and enjoy!

