2005-2006 Suzuki GSXR 1000 422X
Installation Documentation

1. Remove seat by removing the bolts from both sides and lift. (Figure 1)

Figure 1 Remove bolts lift seat

2. Remove the lower side tank covers from each side.
(Pull the covers out and back to unhook them)
(Figure 2)

Figure 2 Remove tank cover panels

3. Remove tank bolts.
(Figure 3)

Prop tank. Disconnect the fuel tank connector, the fuel tank breather hose, the fuel tank drain hose, place a towel under the fuel feed hose and disconnect the fuel feed hose from the tank.

Figure 3 Remove tank bolts

4. Remove Fuel Tank mounting bolt then remove the tank.
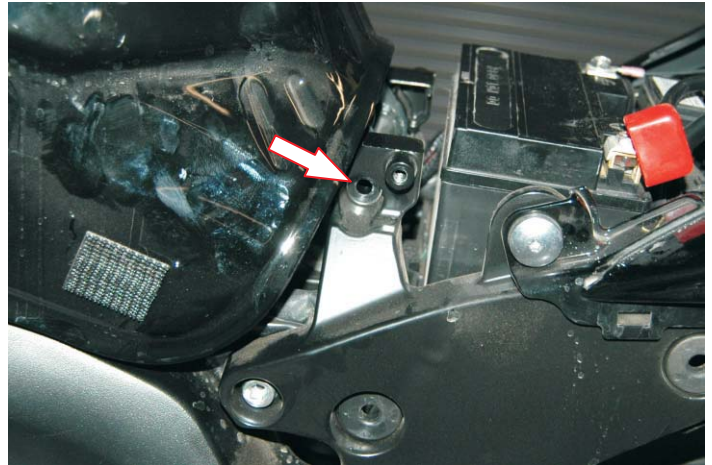(Figure 4)

Figure 4 Remove tank bolt & tank

5. Disconnect IAP and IAT connectors. Remove the PAIR , PVC and vacuum hoses and the air filter box.
(Figure 5)
Some models will require removal of the top of the air cleaner to reach the bolts on the inside.

Figure 5 Remove Air Filter box

SB6 Installation

6. Route the harness along the right side of the bike so the furthest coil connector reaches coil number 1 and the 26 pin connector reaches the back storage compartment.
(Figure 6)

Figure 6 SB6 Harness routing

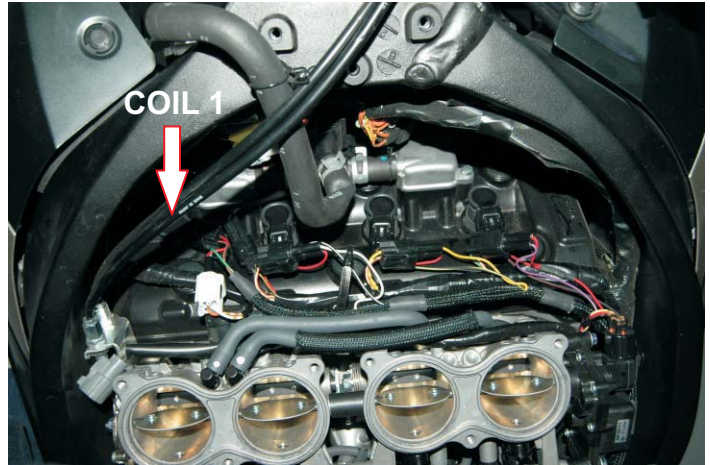7. Disconnect the OEM coil connectors and plug the MSD harness inline.
(Figure 7)

Figure 7 Coil connections

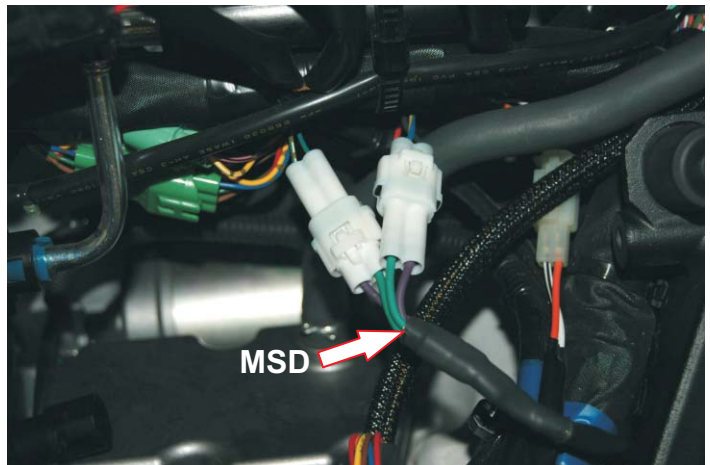8. Disconnect the OEM 2-pin crank connectors and plug the MSD harness inline.
(Figure 8)

Wire Tapping:	
OEM	MSD Harness
Crank (+) Green/White ➡	Violet
Crank (-) Green (on one side)	Green
Blue (on othe side) ➡	
Verify taps have pierced the insulation and are making contact.	

Figure 8 Crank connection

9. Locate the black 3-pin Speed sensor connector on the left side of the bike. Splice the OEM Pink wire with the MSD Red/Black wire using the supplied tap.
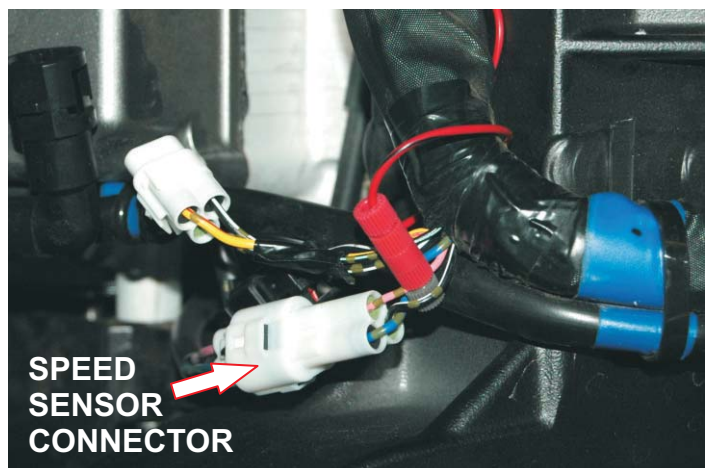(Figure 9)

Figure 9 Speed sensor connection

Locate the OEM Black/Yellow at the clutch wire with the MSD Blue wire (Figure 10a & b).

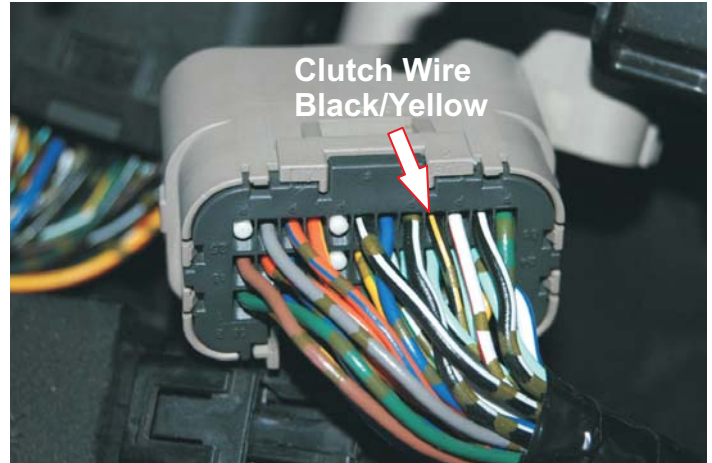Check continuity on the PCB before tapping to ensure the correct wire is tapped.

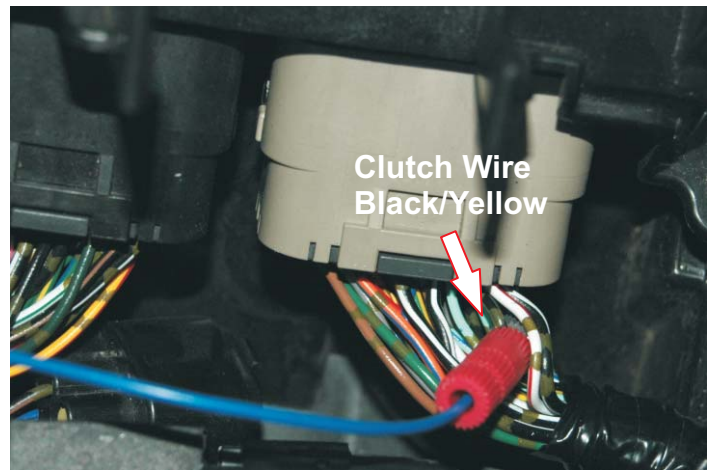

Clutch Wire Black/Yellow

Figure 10a ECU connector

Clutch Wire Black/Yellow

Figure 10b ECU clutch wire tapped