

## GSX-R1000 (17-18) OIL COOLER LINE KIT INSTRUCTIONS

The oil cooler line kit for the GSX-R1000 replaces both OEM oil cooler lines and is necessary to run the OEM oil cooler after installation of a Sidewinder exhaust system.

### Check Package Contents:

#### The Package Contents Include:

1. One (1) Stainless Line, 8"
2. One (1) Stainless Line, 10"
3. Four (4) Brass Fittings, 90°
4. Two (2) Oil Cooler Adapters
5. Two (2) Oil Cooler Adapters w/ Groove
6. Two (2) O-Rings

If your package contents differ, please contact Brock's Performance at 937-912-0054.

For additional installation support please refer to the OEM service manual.

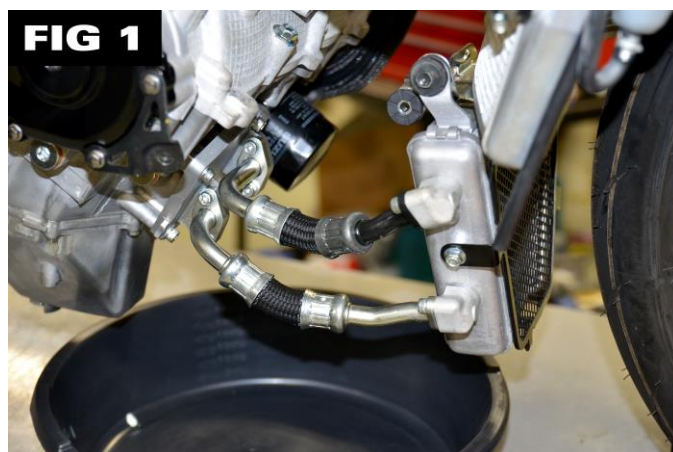


### Instructions:

1. Support the bike using a wheel stand or lift.
2. Remove the right side fairing.
3. Remove the OEM oil cooler lines (Fig 1).

**Note:** Place a drain pan under the oil cooler lines to capture engine oil.

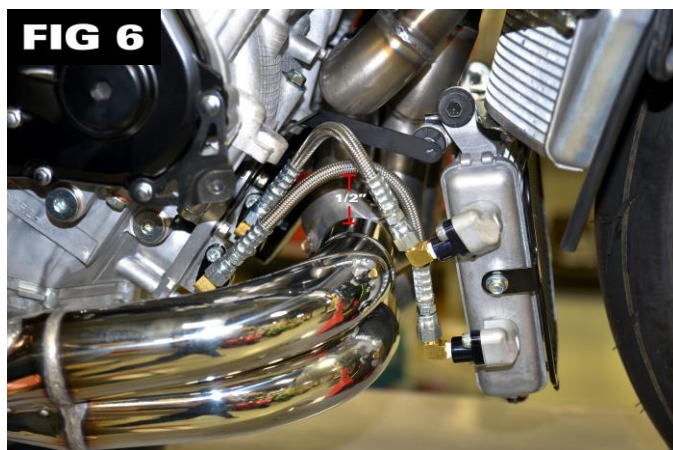
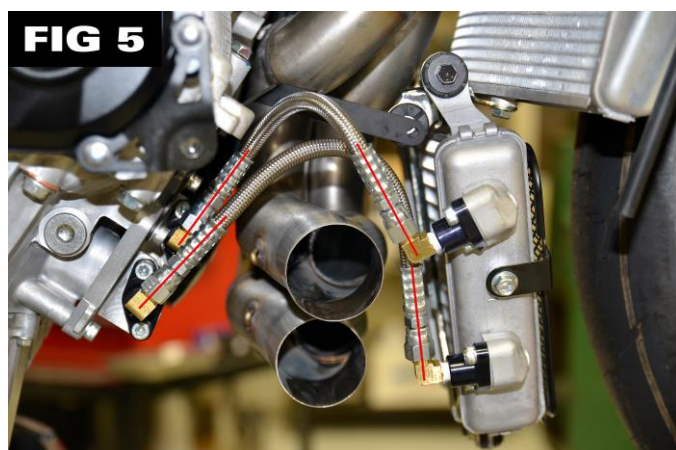
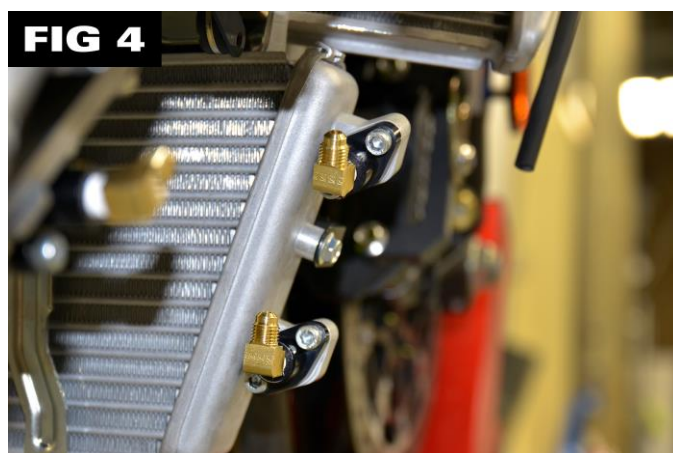
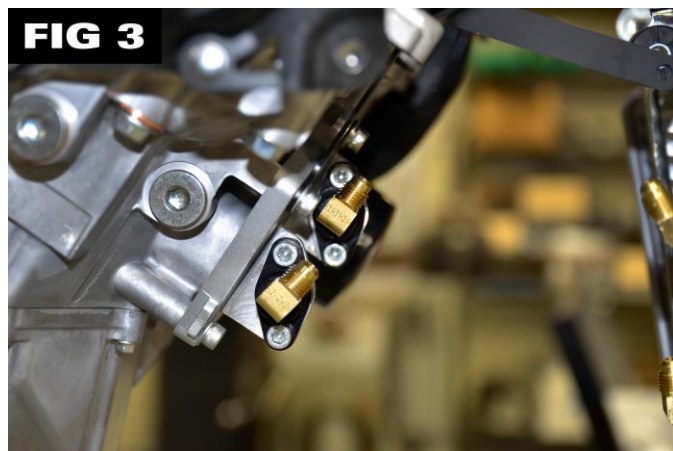
4. Apply thread sealer (e.g. Teflon Tape) to the tapered threads of the brass fittings (Fig 2).
5. Install four (4) brass fittings into the four (4) oil cooler adapters hand tight.
6. Install O-rings into the oil cooler adapter w/ groove. Apply a thin layer of fresh engine oil to each O-ring.
7. Inspect the OEM O-rings at the oil cooler. Replace as needed.
8. The upper fitting at the engine block does not have enough clearance to complete a full turn. Secure the oil cooler adapter w/groove (in vice or similar) and turn the fitting 2-3 full turns before installing.
9. Install two (2) oil cooler adapters w/groove and O-ring to the engine reusing the OEM bolts. Torque mounting bolts to 90 lb-in (10 N·m).



10. Install two (2) oil cooler adapters to the oil cooler reusing the OEM bolts. Torque mounting bolts to 90 lb-in (10 N·m).

**Note:** Orient the oil cooler adapters with the hand tight brass fittings so they pointing towards the 6 o'clock position. This will help with final brass fitting orientation.

11. Turn the three (3) remaining brass fittings an additional 2-3 full turns from hand tight. The fittings will feel snug. Check the orientation of the fittings. (Fig 3 & 4)
12. Install Sidewinder front section (if purchased).
13. Install the 8" line on the top fittings and the 10" line on the bottom fittings. Tighten lines until secure.
14. Adjust the brass fittings as needed until the stainless lines are straight (Fig 5).
15. Check for proper oil cooler line clearance. Exhaust pipes must have at least ½" (12.7 mm) of clearance. Adjust brass fittings as needed (Fig 6).
16. Refill/Replace engine oil as needed.



**WARNING: IMPROPER INSTALLATION MAY RESULT IN OIL LEAKS WHICH MAY DAMAGE THE ENGINE OR CAUSE AN ACCIDENT. ALWAYS CHECK FOR LEAKS AFTER THE ENGINE IS WARM. BROCK'S PERFORMANCE PRODUCTS WILL NOT BE RESPONSIBLE OR LIABLE FOR ANY INJURY OR DAMAGE CAUSED BY IMPROPER INSTALLATION, MISUSE, OR USE OF THIS PRODUCT FOR ANY OTHER PURPOSE.**

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