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**FEEL MORE POWER.**

## **Installation Instructions for HONDA CBR650/650R (2019-2026) Full System**

To install the 2019-2026 HONDA CBR650/650R FULL SYSTEM proceed with the following directions:

**Caution: Do not install exhaust while engine is running, and/or is hot to the touch. Thoroughly read and review all steps of installation instructions to ensure proper installation. If you have any questions about installation, please contact us at 905-985-6111 and we would be happy to help.**

**MEGAPHONE**



**MUFFLER**



**Step 1:** Remove stock exhaust, as per owner's manual.

**Step 2:** Remove stock gaskets. Our flanges should fit very snug and not require the stock gaskets in most cases. If re-using the stock gaskets, inspect for damage and replace as needed. Install flanges and springs onto cylinder head. Tighten flange nuts hand tight. Do not overtighten. *See Image 1.*



Image 1

**Step 3:** Install front primaries/headers onto flanges with springs. *See Image 2.*

**Step 4:** Install “Y Collector” onto front primaries/headers. Line up spring tabs on “Y Collector” to front primaries and install springs. *See Image 3.*

**Step 5:** Locate o2 bung on Collector. Remove threaded bung plug if using aftermarket o2 product or stock o2 sensor. If using an aftermarket, leave o2 bung at large 18mm size (*Image 4*) . If re-using stock o2 sensor, use threaded bung reducer included in parts kit to reduce the o2 bung from 18mm down to 12mm. Re-plug in stock o2 sensor into reduced o2 bung (Photos 5 & 6) *See Images 5 and 6.*



Image 2



Image 3



Image 4



Image 5



Image 6

**Step 6:** For *EVOLUTION MUFFLER installation*, remove the stock footpeg mount. The supplied Hindle mounting bracket is installed **BEHIND** the footpeg mount. Re-install the footpeg mount overtop of the bracket re-using the stock mounting hardware. *See Image 7.*

**Step 7:** *If using the stainless muffler strap*, remove protective film on muffler strap. Install protective rubber band inside of the muffler strap making sure that the strap is inside of the outer edge of the rubber. Place the muffler strap around the muffler, pinching the tops of the muffler strap together at the right location on the muffler to reach the mounting point on the bracket. Attach the muffler strap to the the front of the supplied Hindle mounting bracket using the supplied 8x20mm bolt, 2x 8mm washers and 1x 8mm nut. Make sure that the muffler strap is mounted to the front of the supplied bracket hole. *See Image 8 (behind photo) and Image 9. \*Optional - Carbon Fiber Muffler Strap as shown does not use protective rubber. Carbon muffler strap uses rubber washer (included in kit/hardware bag) between the pinched tops of the strap for all muffler finishes, except Titanium.*

**Step 8:** *Check for proper muffler clearance against the swingarm. Make sure that there is enough clearance (at least 0.5") and that the muffler is not touching the swingarm. Wipe down entire system of marks or fingerprints before starting up. See Image 10.*



Image 7



Image 8



Image 9



Image 10

**Step 9:** For *EVOLUTION MEGAPHONE* installation, remove the stock footpeg mount. The supplied Hindle mounting bracket is installed BEHIND the footpeg mount. Re-install the footpeg mount overtop of the bracket re-using the stock mounting hardware. See *Image 11*.

**Step 10:** Attach the megaphone to the the front of the supplied Hindle mounting bracket using the supplied 8x20mm bolt, 2x 8mm washers and 1x 8mm nut. Make sure that the megaphone is mounted to the front of the supplied bracket hole. See *Image 12 (behind photo) and Image 13*.

**Step 11:** Check for proper muffler clearance against the swingarm. Make sure that there is enough clearance (at least 0.5") and that the muffler is not touching the swingarm. Wipe down entire system of marks or fingerprints before starting up. See *Image 14*.



Image 11



Image 12



Image 13



Image 14

**Step 12: *\*VERY IMPORTANT\**** A break-in procedure must be performed for new Hindle mufflers. Once installed, Hindle muffler must be warmed up by running the engine at idle for 15 minutes. Hindle muffler should then be left to cool down for 15 minutes. This process will help prolong the life of your Hindle muffler by helping set the internal muffler packing before first use. **Please note: Hindle mufflers require general maintenance: repacking of the muffler should be done, when required. Repacking will help protect the muffler's outer shell, as well as noise and exhaust emissions. Enjoy the quality and performance of your HINDLE!**

CBR650SS/CBR650SSM INSTALL



# WARNING

**Exhaust system(s) and muffler(s) may be hot when engine is/has been running. Take preventative measures with the handling of any Hindle system or Hindle muffler. Allow the engine to cool before installing or removing the exhaust system and/or muffler. Severe burns, bodily injury and/or death may occur.**



# WARNING

**Keep flammable materials away from exhaust at all times.**



# WARNING

**Exhaust gas contains poisonous carbon monoxide that can rapidly accumulate in an enclosed or poorly ventilated area. If inhaled, it may cause serious injury or death. Start and run the motorcycle in a well-ventilated area.**

## **WARNING: USA CUSTOMERS:**

Certain states in the USA have individual laws regulating the use of aftermarket exhaust parts and systems, especially as those parts and systems modify, remove, or replace original equipment catalytic converters. Please become familiar with the appropriate laws in your area before installing any aftermarket part or system on your vehicle. to ensure compliance with all applicable laws. Hindle Products Ltd, Woodcraft Technologies Inc and any of their representatives, subsidiaries or the sellers of these parts or systems make any representation that any of their parts or systems comply with any of these laws for street use.

## **WARNING: CALIFORNIA CUSTOMERS:**

California laws prohibit the use of any aftermarket exhaust part or system that modifies, removes or replaces original equipment catalytic converters on any vehicle intended for street use. In California these parts or systems are only exempted from this law when they are used exclusively on racing vehicles on closed courses. Neither Hindle Products Ltd, Woodcraft Technologies Inc nor any of their representatives or subsidiaries make any representation that any of their parts or systems are approved for street use in California. The purchasers of Hindle products are entirely responsible for informing themselves of applicable California laws and to comply with those laws.

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