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**FEEL MORE POWER.**

## **Installation Instructions for KTM 790/890/890R DUKE EVOLUTION MEGAPHONE/EVOLUTION MUFFLER (2018-2022) Full System**

To install the 2018-2022 KTM 790/890/890R DUKE EVOLUTION MEGAPHONE/EVOLUTION MUFFLER 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.**

**IMPORTANT UPDATE: THE FULL SYSTEM BRACKET HAS BEEN UPDATED TO A "Y" SHAPED BRACKET. USE "Y" SHAPED BRACKET IN PLACE OF "U" SHAPED BRACKET IN ALL STEPS.**



**USE THE UPDATED Y SHAPED BRACKET**



**DO NOT USE THE U SHAPED BRACKET**



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

**Step 2:** Inspect stock exhaust gaskets and re-use them with the Hindle flanges. If new exhaust gaskets are needed, contact your local dealer to order new ones.

Install flanges onto studs using stock nuts. Install springs on flange plates.

Align the flanges so that the holes are on the bottom. Hook the springs on the lower outer hole on each flange.

**See Image 1.**



Image 1

**Step 3:** Install headers onto flanges and attach springs. **See Image 2.**

**Step 4:** Re-install stock O2 sensors onto Hindle primaries. **See Image 3.**



Image 2



Image 3

**Step 5:** Install Hindle mid-pipe/elbow onto the Hindle headers, lining up the spring tabs on the mid-pipe/elbow to the spring tabs on the collector. Install springs using spring tool provided.

**Step 6:** If you are retaining the stock rear foot peg mount, mount the Hindle muffler or megaphone on the inside of the footpeg to the stock location. Remove protective film on muffler strap. Install protective rubber inside of the muffler strap making sure that the strap is inside the outer edge of the rubber. The top ends of the muffler strap should be pinched together, then installed using the stock nut. Install springs on mid-pipe to muffler. *See Images 4 & 5.*



Image 4



Image 5

**Step 7:** If you are eliminating the stock rear foot peg mount, use the “Y” shaped bracket provided. Install the 0.25” spacer onto the 40mm bolt and washer (provided). Install the 0.5” spacer on the 30mm bolt and washer (provided). **VERY IMPORTANT:** install the 40mm bolt with spacer assembly on the left side of the bracket, and install the 30mm bolt with spacer assembly on the right side of the bracket. *See Image 6 and Image 7.*



Image 6



Image 7

**Step 8:** If using the “Y” shaped bracket, 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. The top ends of the muffler strap should be pinched together. Install muffler strap to “Y” shaped bracket using supplied 8x20mm bolt, 2 washers and nut. Install springs onto mid-pipe and muffler using the spring tool provided. If installing the Evolution megaphone, attach to “Y” shaped bracket supplied 8x20mm bolt, 2 washers and nut. *See Image 8.*



Image 8

**Step 10:** Check overall clearance on exhaust installation before start up.

**Step 11: *\*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 new Hindle Exhaust System!*



Evolution Muffler Installed



Evolution Megaphone Installed



# 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.

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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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