



Forced Air Induction Collector Exhaust Systems – Phone: (520) 290-1414 – Tech Line: (520) 403-6976

The F.A.I.C. Universal Sport Bike Mid-Pipe and Racing Muffler System converts the stock mid-pipe and muffler into a high performance racing exhaust system for competition use only. It is intended for single-side right mount slip-on applications and uses an application specific adapter collar to mate the stock exhaust collector to the Forced Air Induction Mid-Pipe. The Mid-Pipe incorporates F.A.I.C.'s Patented Forced Air Induction Technology to create a "Ram Air" effect from the forward movement of the motorcycle to accelerate the exhaust flow and enhance scavenging. The Racing Muffler features "Charge Enhancer" Technology that produces increased low-end while allowing for a large perforated free-flowing core for high performance top-end horsepower.

WARRANTY AND LIMITATIONS

The F.A.I.C. Universal Sport bike Mid-pipe and Racing Muffler products are warranted against defects arising out of failure due to material and/or workmanship for a period of 1 year from the date of purchase. This warranty is limited to the repair or replacement of the item solely at the discretion of F.A.I.C. Any repair or replacement will be determined based solely on F.A.I.C.'s evaluation of the item's intended and actual use.

EXCLUSIONS

This warranty does not cover any surface finishing such as coatings, plating or paint or their failure due to discoloration from heat or weathering or abuse. Nor does it cover any failure due to damage arising out of improper installation, crash damage or incompatibility with other components. In any event, F.A.I.C. accepts no liability for any damage to vehicles or persons arising out of the use and/or abuse of a vehicle equipped with F.A.I.C. components, nor will F.A.I.C. accept liability for damage to injury or persons from the use or abuse of the product itself, whether direct or indirect, voluntary or involuntary. F.A.I.C. will not be responsible for any dispositions made by dealers or distributors of products. F.A.I.C. will not be responsible for any labor charges incurred by the customer for the installation or removal of the F.A.I.C. component or changes arising out of the collateral damage to the vehicle or persons while installing, removing, or using any item purchased from or supplied by F.A.I.C. whether manufactured by F.A.I.C. or not.

RETURN POLICY

F.A.I.C. will not be responsible for any shipping charges by the purchaser in returning the part to F.A.I.C. for evaluation. A return authorization number and a copy of the purchaser's invoice or receipt must accompany all returns. Parts returned without authorization may be refused.

DISCLAIMER

THE F.A.I.C. UNIVERSAL SPORTBIKE MID-PIPE AND RACING MUFFLER PRODUCTS ARE INTENDED FOR OFF HIGHWAY USE ONLY AND ARE NOT FOR SALE OR USE ON CALIFORNIA POLLUTION CONTROLLED VEHICLES OR IN OTHER STATES WHERE POLLUTION CONTROL LAWS APPLY.

SUITABILITY OF APPLICATION IS THE SOLE RESPONSIBILITY OF THE PURCHASER

INSTALLATION

STEP 1: Verify the Package Contents – (Figure 1)

Shown Left to Right

1. Muffler
2. Muffler Body Hanger Clamp & Isolator
3. Muffler Hanger Strap & Hardware
4. Muffler to Mid-Pipe Band Clamp
5. Mid-Pipe
6. Mid-Pipe to Adapter Collar Band Clamp
7. Adapter Collar (*Application Specific*)
8. Adapter Collar to Collector Band Clamp

If any parts are missing, contact F.A.I.C. immediately.



Figure 1: F.A.I.C. Universal Sport Bike Mid-Pipe & Racing Muffler System Shown

STEP 2: Remove the Stock Exhaust - (Figure 2)

1. If necessary, remove any body work covering access to the stock exhaust system's fasteners.
2. Start at the front most fastener on the mid-pipe. Only loosen this fastener, do not remove it.
3. Then move to the fastener that secures the back of the muffler body. Remove this fastener completely while supporting the muffler so it does not fall.
4. Remove the muffler/mid-pipe. Some twisting may be required to unseat the mid-pipe.
5. Set the mid-pipe & muffler aside.
6. Retain all of the fasteners for re-use.



Figure 2: Stock Mid-Pipe & Muffler Removed

STEP 3: Install the Adaptor Collar - (Figure 3)

1. Place the Adapter Collar Band Clamp loosely over the Adapter Collar. Use care to prevent scratching the Collar's finish.
2. Install the Adaptor Collar onto the stock collector pipe.
3. Position the Band Clamp with the fastener head towards the right side of the bike and with the clamp's drive mechanism at the bottom of the Adapter Collar. Position the clamp's drive mechanism at 7 O'clock as observed from the rear of the bike for the best cosmetics.
4. Tighten the Band Clamp securely to the collector pipe.



Figure 3: Installation of the Adapter Collar

STEP 4: Install the Mid-Pipe - (Figure 4)

1. Place the Mid-Pipe Band Clamp loosely over the front of the Mid-Pipe. Use care to prevent scratching the Mid-Pipe's finish.
2. Install the Mid-Pipe over the Adaptor Collar.
3. Locate the Forced Air Induction Cone facing forward into the airstream while providing clearance for the rider boot heel.
4. Position the Band Clamp with the fastener head towards the right side of the bike and with the clamp's drive mechanism at the bottom of the Mid-Pipe. Position the clamp's drive mechanism at 7 O'clock as observed from the rear of the bike for best cosmetics.
5. Tighten the Band Clamp securely to the Mid-Pipe.



Figure 4: Installation of the Mid-Pipe

STEP 5: Install the Muffler - (Figure 5)

1. Place the Rubber Isolator over the Muffler Body Hanger Clamp.
2. Spread the Muffler Body Hanger Clamp while putting it into position over the Muffler Body. Use care to prevent scratching the Muffler's finish.
3. Place the Muffler Band Clamp loosely over the front most part of the Muffler. Use care to prevent scratching the finish.
4. Install the Muffler over the Mid-Pipe.
5. Locate the Muffler with the compression slot facing downward.
6. Position the Band Clamp with the fastener head towards the right side of the bike and with the clamp's drive mechanism at the bottom of the Muffler. Position the clamp's drive mechanism at 7 O'clock.
7. Tighten the Band Clamp securely to the Muffler.



Figure 5: Installation of the Muffler

STEP 6: Install the Muffler Hanger - (Figure 6)

Direct Mounting to Stock Exhaust Bracket -

1. Using the stock muffler hanger hardware, attach the Muffler Body Hanger Clamp the stock exhaust bracket.
2. Tighten the muffler hanger hardware securely.



Figure 6: Installation of the Muffler Hanger

...or, Using the Hanger Strap - (Figure 7)

1. Using the stock muffler hanger hardware, attach the Muffler Hanger Strap to the stock exhaust bracket.
2. Using the provided hardware, attach the Muffler Hanger Strap to the Muffler Hanger Clamp.
3. Tighten all muffler hanger hardware securely.



Figure 7: Installation of the Muffler Hanger Strap