

4 STROKE

2 STROKE



INSTRUCTION GUIDE TWIN AIR PRODUCTS





The Twin Air line of air filtration products will provide your motorcycle with maximum intake protection. With this instruction guide, we would like to help you find a suitable solution in various kinds of riding and weather conditions.

The Air Filter

Our standard OEM replacement filters are constructed by two layers of open-pore polyester foam that are bonded together to provide maximum filtration and superior airflow. The total foam thickness is 15mm.

Our FR (Fire Resistant) replacement filters are constructed by three layers of open-pore polyester foam that are bonded together to provide maximum filtration and superior airflow. The total foam thickness is 15mm.

Storage:

We strongly advise to store pre-oiled air filters in a low temperature place (max 20 degrees Celsius / 68 Fahrenheit) and keep them out of the sunlight / lights / lamps.

Normal riding weather conditions

We advise using the standard Twin Air filters, pre-oiled with Liquid Bio Power Filter Oil (*filter oil part number 159017*). If you are using the 2-stroke cage (without backfire screen) on a 4-stroke bike, we advice to use our FR filters pre-oiled with Liquid Bio Power Filter Oil.



[Filter oil part number 159017]

Dusty riding weather conditions

We offer two different solutions for very dusty riding conditions;

- 1) In dusty riding conditions we advise to use the standard (or FR) Twin Air filter pre-oiled with Liquid Bio Power Filter Oil. On top of this we advice to use a Dustcover pre-oiled with Liquid Bio Power. The Dustcover (DC) is a single white layer (10mm) open pore foam. The Dustcovers can be ordered by adding the initials "DC" behind the filter part number. For example for air filter 150221 is part number 150221DC the Dust Cover.



- 2) In **extreme** dusty riding conditions we advise to use the standard (or FR) Twin Air filter pre-oiled with Liquid Bio Power Filter Oil. On top of this use a **lightly** pre-oiled Dustcover. On top of the Dustcover we advise to use a dry Grand prix Cover. The Grand prix Cover is an orange single stage nylon (polyamide) layer.



Wet riding weather conditions

To protect the engine in very wet conditions, Twin Air designed a special raincover (RC). The raincover is an extra filter cover. These raincovers are constructed by two layers of open-pore foam. The total Foam thickness is 10mm. The raincovers can be ordered by adding the initials RC behind the air filter part number.

During these extreme wet weather conditions, we advise to use the pre-oiled Twin Air filters, pre-oiled with Liquid Bio Power Filter Oil and on top of that mount the **dry** raincover.



Extra Twin Air products to solve problems in wet riding weather conditions:

- *Skid plate foam (part number 160001)*
Foam fits between the skid plate and the engine, keeps sand, grid and dirt from sticking to the engine, can also be used on other places of the bike. (foam can be cut in any size preferred)
- *Foot peg foam (part number 177758)*
Foam that fits around the foot pegs, and keeps sand, stones, grid and dirt from sticking on or between the foot pegs.



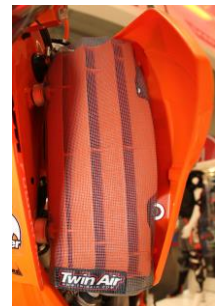
- *Radiator foam (part number 177759)*
Foam mounted on the radiator plastic louvers, keeps sand and dirt from sticking on the radiator and the radiator plastic louvers.



- *Radiator gauze (part number 177759GAUZE)*
Gauze mounted on the radiator plastic louvers keeps sand, stones and dirt from damaging and clogging the radiator and plastic louvers.



- *Radiator Sleeves (part number 177759SL00 – 177759SL99)*
The radiator sleeve is a nylon coated, glass yarn material that fits over the radiator louvers so no dirt, sand, or mud can stick to the radiator, clogging the radiator, causing overheating.



- *Fender foam (part number 177767)*
Foam fits on the downside of the front and rear fender. Let sand, mud, and dirt fall off the bike while riding it. (foam has an adhesive back)



- *Helmet mud deflector (part number 177760W)*
Very light polyurethane square foam to mount on the visor of the helmet to avoid mud from sticking to the visor. (foam has an adhesive back)





Powerflow Kit

The best filter in the world can't do its job if there are leaks in the seal of the airbox. That's why Twin Air provides a complete line of products to ensure a leak-proof, fool proof fit.

Twin Air's Powerflow kit comes with a rigid, lightweight, billet aluminum cage that provides a tight seal to the airbox and replaces your flimsy plastic stock cage.

A Twin Air Powerflow Kit includes a pre-oiled Twin Air filter, a special aluminum cage and all necessary mounting hardware.



Filter Bolt

Features a stainless steel shaft and a 6061 aluminum round head with 'finger' grooves that allow you to spin the filter bolt on and off with ease. The shaft features a tapered lead-in with precise threads for increased durability.



Powerflow Throttle Body Kit

The Powerflow Throttle Body Kit is an off-the-shelf, easy to install, throttle body performance kit that creates more power and better throttle response. The kit comes with two different performance options, one for low-mid range performance and the other for top end performance.

The Twin Air Powerflow Throttle Body Kit Configuration #1 provides low-mid range gains utilizing a smaller diameter intake tube and a lower profile throttle valve. This configuration increases the throttle response making the power more controllable.



Oil Cooling System

The Powerflow Throttle Body Kit is an off-the-shelf, easy to install, throttle body performance kit that creates more power and better throttle response. The kit comes with two different performance options, one for low-mid range





Oil Filter Cap

Twin Air aluminum Oil Filter Cap for 4-stroke bikes. The champagne color anodized cover replaces the standard Oil Filter Cap. The cap features cooling fins designed for better cooling and gives your bike the finishing touch.



More airflow

For more airflow into the airbox, Twin Air designed the airbox vents (*part number 177764 (oval) and 177764R (round)*). These vents can be installed on both sides of the airbox. They keep out dirt and let more air through. The airbox vents are available in round and oval shapes.



Fuel Filter

Twin Air's latest product features a custom shaped adaptor for each model that fits securely under the gas cap, creating a leak-proof seal. The filter media traps dirt or debris that can enter into your fuel system from refueling.



Fuel Tank foam

Twin Air also offers special petrocel fuel tank foam (*part number 160005*). This foam is used in large tanks, impenetrable polyurethane polyester cubes stabilize fuel movement during sharp turns and improves handling in high performance vehicles. Capacity loss is less than 1%.



Cleaning the bike

To clean the bike after a day of riding, Twin Air also developed some useful products:

Airbox cover:

The Twin Air airbox cover protects the carburetor against water. (part numbers 160050 - 160150)



Exhaust plug:

The Twin Air Exhaust plug keeps water outside your exhaust system while cleaning your bike.

(part number 177700NN – diameter 18-40mm)
(part number 177710NN – diameter 27-50mm)



Mud remover:

The Twin Air Mud remover helps you taking off the dirt and mud on your bike.
(part number 160180)

