

## BA-2050-00 STEALTH BIG AIR KIT - Yamaha Warrior

Revision: 4.6 - 04/02/2010 Install Time: 2 Hours Please read ALL of the instructions BEFORE beginning this installation. CAUTION: We strongly recommend that a qualified Yamaha technician install this kit.

## INCLUDED IN THE KIT:

(1) Coil Relocation Plate	(13) M6 x 20mm Cap-head Screws
(2) K&N Intake Air Filters	(12) M6 Nyloc Nuts
(2) Uni-filter Crankcase Vent Filters	(1) 7/16" E-clip
(2) 3/4" Wellnuts	(1) 3/8" Hose x 13" Length
(2) 3/8-16 x 1" Hex Bolt	(1) AIS Kit BA-2551-00
(2) 3/8" Washers	

## **INSTRUCTIONS:**

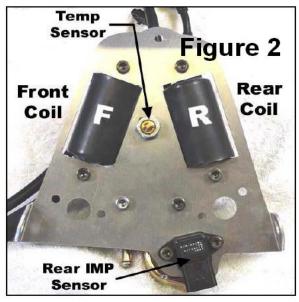
- Remove fuel tank.
- Remove left side chrome "air scoop" cover; remove right side air filter box, then remove air silencer box above throttle bodies.
- Cover open throttle bodies to protect from items falling into engine.
- Label each sensor, electrical connector, and hose for later reconnection. Sensors on right side of air silencer box are intake manifold pressure sensors for front and rear cylinders mark these IMP-front and IMP-rear. Make sure to mark the sensor, the connector and the hose. The sensor on the left side is air box pressure sensor mark it AP. Be sure to mark this connector also it has no hose connected to it.
- Disconnect spark plug wires from the spark plugs.
- Disconnect wires leading to coils mark for later reconnection.
- Remove coils from the coil bracket mark coils front and rear.
- Disconnect wire connector from linear control valve. (LCV)
- Disconnect hose from the center of the linear control valve (LCV). Mark and remove hoses that go to each throttle body, noting front and rear.
- Remove bracket from LCV.
- Remove air temperature sensor from front of air silencer box.
- Attach temperature sensor to center hole on new relocation plate. Secure from top with supplied 7/16" e-clip. Refer to FIGURE #2
- Attach front and rear coils to bottom of relocation plate. Secure with supplied M6 screws and nuts.
- Attach LCV to bottom of relocation plate as shown in FIGURE #1.
- Attach rear cylinder IMP sensor to relocation plate as shown in FIGURE #2.
- Place supplied wellnuts into frame, and place relocation plate between wellnuts with tabs pointed up. Loosely secure with supplied 3/8" bolts and washers. Refer to FIGURE #3
- Now the relocation plate may by pivoted to gain access to the connections.
- Attach the front IMP sensor and AP sensor to the relocation plate.
- Attach hoses from front and rear cylinders to linear control valve (LCV) that you marked and removed earlier.
- Attach hoses to IMPs. Extend and/or shorten hoses to front and rear manifolds as necessary using previously removed hoses.
- Connect electrical plugs to sensors and LCV.
- Secure front of coil relocation bracket with supplied M6 screw. Tighten wellnuts in frame.
- Install individual K&N air filters to each throttle body.
- Attach supplied hose to center connector on LCV, and then attach one uni-filter crankcase vent to the other end. Zip-tie filter anywhere below frame rails.
- Attach remaining uni-filter to crank vent and zip-tie below frame rail. *IMPORTANT NOTES:* We recommend the use of a Dynojet Power Commander III module with installation of this Stealth Big Air Kit. Installation and use of this kit without a Power Commander may cause engine problems and/or

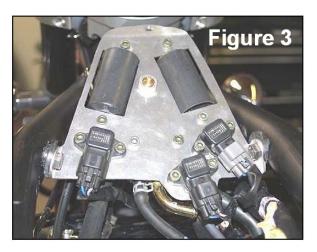
Our install guides provide a basic outline on the proper installation of our products. Further tuning and/or fitment may be required. Barons bears no responsibility on installation costs associated with this product. © 2025 Barons Custom Accessories



BA-2050-00 STEALTH BIG AIR KIT - Yamaha Warrior







Our install guides provide a basic outline on the proper installation of our products. Further tuning and/or fitment may be required. Barons bears no responsibility on installation costs associated with this product. © 2025 Barons Custom Accessories