



**FORCE  
WINDER**  
PERFORMANCE

**Forcewinder for  
Kawasaki VN900 FI  
Installation Instructions  
KW-VN900**

**Tools Needed:**

- 3/8 socket wrench with extension
- 5mm allen tool
- 4mm allen tool
- 5mm allen wrench
- Pliers
- Dykes
- Phillips head screwdriver
- Flat head screwdriver

**NOTE:**

Tuning – ForceWinder ALWAYS RECOMMENDS installation and tuning by a certified professional, preferably a Kawasaki dealership.

We have no way to know the current state of tune of your machine, modifications or current air/fuel ratio. It is therefore IMPOSSIBLE to advise you either online or by telephone on the final tuning of your machine.

Your safety is of the utmost importance so we STRONGLY recommend after ANY modification is performed that a certified professional analyze your machine, Dyno Tune, modify any air/fuel ratio or tuning issues.

**INSTALLATION:**

1. Remove seat, tank and dash cover per Kawasaki factory manual.
2. **Fig. 1** - Remove the stock air cleaner, backing plate and air box support.
3. Remove the sensor from the stock air box and install it to the Forcewinder adapter with the supplied small bolt.
4. **Fig. 2** - Next install the supplied 90 degree fitting, the elbow need to point up and in toward the gas tank.
5. Install 4 of the five bolts from your stock air box into the Forcewinder.
6. Slide on the supplied gasket to the backside.
7. Installing the Forcewinder adapter to the motorcycle, first connect the sensor plug.
8. Use your allen wrench to start the bolts.
9. At this point you'll need to replace the breather hose with the supplied longer hose to connect to the 90 fitting in the Forcewinder adapter.
10. Install the air filter elbow with the supplied bolts and gasket to the Forcewinder adapter. Use your allen wrench to tighten them down.
11. **Fig. 3** - Next you'll need to connect the crankcase breather hose to the supplied plastic elbow, extended hose and small breather filter. Zip tie this breather to tuck under the rear exhaust

