



*The fire in your ATV*

## VDI IAT Relocation Kit Suzuki 700/750 EFI Engines



The IAT relocation kit replaces the stock IAT (Intake Air Temperature) sensor from the edge of the factory air box to the throttle body. This ensures the ECU gets an accurate reading of the actual air charge temperature. The stock sensor typically reads approximately 5 degrees Celsius hotter than the actual temperature during normal operation (upwards of 15 degrees Celsius once a hot engine is stopped for several minutes). This robs the engine of up to 5% of the power, and gives it a lean miss when the engine is hot.

Several of the key features are:

- Easily plugs into the stock connector
- Sensor perfectly matches the stock IAT sensor profile for use with the stock ECU.
- Ensures the engine has consistent power output, with horsepower gains up to 5%
- Ensures crisp throttle response, regardless of engine temperature.

Notes:

- Requires a 1/2" hole to be drilled through the air box floor for installation. Air box must be removed from the KQ700 for installation. Can be installed into the AC700 with the air box in the machine.
- Minor disassembly of the factory IAT connector is required for full, sealed installation – this disassembly is non-destructive, and can be reversed if necessary.

Supported Machines:

- 2005+ Suzuki King Quad 700 EFI, 2008+ Suzuki King Quad 750EFI
- 2006+ Arctic Cat 700 EFI

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