

Q: What is the difference between FSI and TSI?

A: FSI engines are found on US spec 2005-2008 VW and Audi 2.0T cars (GTI, GLI, A3, TT, CC, Passat). FSI engines require “fueling” upgrades in the form of larger fuel injectors and high pressure pump in order to extract the most power from a K04 turbo. These parts are not included in our kit.

TSI engines are found on US spec 2008.5+ VW and Audi 2.0T cars. A K04 turbo needs to be specially modified and machined to make it fit to this engine. All necessary modifications are done by A.W.E. Tuning and are included in the price of the kit. No extra “fueling” upgrades (besides specific software) are required for maximum K04 performance on TSI engines.

Q: Can I run your K04 kit with my current software?

A: We do not recommend running a larger turbocharger on your vehicle without the appropriate software. Doing so can result in over-boosting, damage to engine components, and drivability issues.

Please contact your software supplier for K04 specific software solutions. A.W.E. Tuning uses G.I.A.C. software and can provide K04 specific programming for an additional cost.

Q: Who makes TSI K04 Software?

A: At this time, G.I.A.C. is the only company offering TSI K04 programming. This software is available at an additional cost to our hardware kit, but is included with the Full K04 Kit that we also offer.

If you want to use another manufacturer’s software, please contact them about your options.

Q: What else besides software will I need to run this kit on my car?

A: Depending on your current modifications and what software you’re currently using, the amount of additional hardware can vary. You may need a downpipe and cat back exhaust at the very least, in addition to larger injectors and a fuel pump upgrade for FSI engine cars.

Please contact your software supplier for a list of hardware required for safe operation.

Continued on next page.

Q: What is included in each kit?

FSI Parts List:

- 1 K04 turbo
- 1 A.W.E. Tuning turbo outlet pipe
- 1 A.W.E. Tuning DV relocation housing

Gaskets:

- 1 Manifold to head gasket
- 1 Turbo to down pipe gasket
- 1 Oil return line gasket
- 1 PCV line to turbo gasket
- 4 Oil line crush washer
- 8 Coolant line crush washer

Fasteners:

- 4 Turbo to down pipe stud
- 4 Turbo to down pipe nut
- 5 Manifold to head nut
- 3 M6 Allen bolts for compressor outlet
- 2 1" ID silicone coupler
- 1 2" ID silicone coupler

Hose Clamps:

- 2 2.25" T-bolt clamp
- 4 30-42mm hose clamp

TSI Parts List:

- 1 A.W.E. Tuning modified K04 turbo
- 1 A.W.E. Tuning turbo inlet coupler
- 1 A.W.E. Tuning noise pipe to diverter valve hose
- 1 A.W.E. Tuning diverter valve housing
- 1 A.W.E. compressor outlet hose
- 1 A.W.E. coolant feed line
- 1 Stock intake adapter coupler

Gaskets:

- 1 Manifold to head gasket
- 1 Turbo to down pipe gasket
- 1 Oil return line to turbo gasket
- 1 Oil return line to engine gasket
- 2 Oil feed line crush washer
- 1 Oil feed line to engine o-ring
- 4 Coolant line crush washer
- 1 Firewall gasket

Hardware:

- 4 Turbo to down pipe stud
- 4 Turbo to down pipe locking nut
- 5 Manifold upper locking nut
- 4 Manifold lower locking nut
- 1 M6x1 allen head bolt
- 1 M6 washer
- 1 Firewall gasket clip

Hose Clamps:

- 1 2.50" T-bolt clamp
- 1 2.62" T-bolt clamp
- 1 70-90 hose clamp
- 1 50-70 hose clamp
- 1 32-50 hose clamp
- 2 25-40 hose clamp



Any questions or comments,
please do not hesitate to contact us:

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Thank you for choosing A.W.E. Tuning as your performance automotive parts supplier. Please remember that a performance car is only as strong as its weakest link. Therefore, it is vital that you maintain your vehicle to factory specifications.

By installing or using the purchased product, the Consumer accepts this warranty and any specific Manufacturer warranties enclosed.

Limited Warranty

The following warranty is valid only in the United States.

The Manufacturer's full warranty applies to all products sold.

Secor Ltd. (A.W.E. Tuning) warrants to the original retail purchaser (Consumer) this product (2.0T K04 Hardware Kit) against manufacturing defects for 90 days from date of original purchase.

Upon verification of warranty coverage, A.W.E. Tuning will repair or replace the defective product at their discretion, without charge. This is the only remedy the Consumer has for any loss or damage, however arising, due to nonconformity in or defect of the product. This warranty does not cover consequential damage, loss of time or revenues, inconvenience, loss of use of vehicle, damage to the vehicle or components, or other incidental or indirect damage.

All warranties are void if the product was not installed by a certified auto mechanic, improperly serviced, modified, or used in a way not intended by the Manufacturer. Use of product in Motorsports or Racing conditions is grounds for warranty denial. Motorsports and Racing is an inherently abusive operational condition, and it is impossible to warranty for this type of usage.

The Consumer is responsible for ensuring that the product is installed in a safe and proper manner, and should cease usage of the product immediately if an unsafe or improper condition is noted. If an unsafe or improper condition is noted, the Consumer should then immediately contact the facility where the product was installed or A.W.E. Tuning directly.

Please contact the original place of purchase for any warranty claims or explanations of this document.