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## TC-BOLT-KIT

### Torque Converter Bolt Kit [Automatic Vanagon]

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The proper fastening of the torque converter to the flex plate in the automatic vehicles is **critical**, but not easily accomplished. A loose connection in this area can cause all sorts of strange noises under load that don't seem like they could possibly be coming from the torque converter bolts—but they often are. We have seen shops tear engines down completely looking for a noise that turned out to be coming from a loose connection between the torque converter and flex plate. We recommend **NEW** bolts every time—and **following the steps below carefully**.

Working through the access hole at the front of the engine block can be tricky and frustrating. We recommend doing steps (1) and (2) below **BEFORE** the transaxle is mated to the engine.

- 1) Chase threads in torque converter with an 8mm x 1.25 bottoming tap.
- 2) Clean and inspect threads carefully—do not use a torque converter with questionable threads.
- 3) Clean and degrease bolts thoroughly with carb cleaner, or similar. Dry completely.
- 4) Install two of the bolts hand-tight, no thread locker.
- 5) Install the third bolt with thread locking compound, and torque to 25 ftlbs. **DO NOT** trust your "feel": Use a torque wrench!
- 6) Remove and install the other two bolts one at a time, and repeat #5 above.

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