

Checking the Toque on the Tension Bolts at the Rear Rotor Housing

Last updated: May, 2005

The following information applies to all stock Mazda 13B rotary engines.

Whenever you have the transmission out and the flywheel off, you will have access to the 18 tension bolts on the rear housing. These are fairly important, since they hold your engine together.

It is not uncommon to find that these bolts have become loose. Torque them to the proper specification so as to extend the life of your seals, and possibly stave off the inevitable rebuild.

Don't get carried away! Do not over-torque the bolts because it may lead to warped housings, crushed seals, or worse. It can definitely do more harm than good. Just make sure they are within the specified torque range.

Apply torque to the bolts gradually, and in the order specified in the diagram below, until 24-28 ft-lbs is achieved. Just apply a little torque to each bolt at a time and repeat the pattern if necessary.

