



OIL PAN STUD KIT (FD3S RX7) - Installation Instructions

Product Page: <https://www.sakebombgarage.com/oil-pan-stud-kit-fd3s-rx7/>



When sealing the new oil pan it is absolutely crucial that all old gasket material and sealant is removed from the mating surfaces. Always test fit the oil pan (and brace if you have one), especially when re-using your pan and not using a brand new pan. Re-used pans can potentially bend and sometimes must be straightened prior to installation, so please be sure your pan is flat.

All the bolt holes and threads should be clean of old sealant and chased clean. Be SURE to tap out the holes to remove the old liquid gasket that may be left in there. Don't cut corners here because not cleaning the threads here correctly can crack one of your rotor housings.

Apply a moderate bead of sealant around the entire mating surface and smooth over with a gloved finger or putty knife. Surfaces must be oil-free and completely dry. We suggest wiping down with acetone after cleaning. We recommend Loctite 5900 sealant. It is used as the factory specification sealant for brands like Porsche and other high-end makes.

Install 2 studs at opposite corners of the motor. When you install the studs, they will go in just finger tight. Spin the studs in until they stop spinning in freely. If you have an oil pan brace and your engine is on a stand this is when we suggest laying down and aligning the oil pan brace.

Then install the remaining studs. Thread on the nuts and tighten all hardware hand tight in a criss-cross pattern until the sealant just begins to squeeze out.

Remove excess sealant from the motor mount bolt holes with a pick or other tool. Allow 10-15 minutes for the sealant to become tacky. This will vary depending on the weather and temperature of the installation environment.

Tighten the nuts to factory torque specifications in a criss-cross pattern. The factory torque specs for the 17 oil pan bolts are to be torque down between 79-104in-lbt. Note that is INCH POUNDS not FOOT POUNDS. The 6 engine mount bolts are to be torque down between 55-68f-lbt, note these are in FOOT POUNDS. Inch pounds and foot lbs are not the same :) Be careful!

Ensure there is no silicone in the motor mount bolt holes. Install the motor mounts and bolts with red loctite and tighten to factory torque specifications.

If you have any questions please reach out to us:

- info@sakebombgarage.com
- sakebombgarage.com/contact

Thank you for your support!