

AMSMOTORSPORTS Sekushi Pipes Installation Notes

Tools and Preparation Tools Needed: Jack and jack stands, 14mm and 16mm wrenches/sockets (deep sockets and swivels recommended), O₂ sensor socket, and a cutting tool (Dremel or hacksaw).

Safety: Allow the exhaust system to fully cool before touching any components. Spray all nuts and bolts with a penetrating fluid like PB Blaster and let them sit for at least 15–20 minutes.

Step-by-Step Installation Process

1. **Remove the OEM Cats:** Safely raise the 370Z on jack stands. Disconnect the front and rear O₂ sensors (easiest by unplugging the wiring harness clips first to avoid twisting the wires) and unscrew them. Unbolt the 3 bolts connecting the test pipe to the exhaust manifold (top and bottom) and the 2 bolts connecting it to the cat-back exhaust.
2. **Clearance Modifications (Crucial):** On the driver's side floor panel heat shield, there is an M6 stud protruding down about 1 inch. This will interfere with the AMSMOTORSPORTS Sekushi pipe. You must cut/trim this stud flush to the heat shield panel to allow proper clearance.
3. **Install the AMSMOTORSPORTS Sekushi Pipes:** Transfer the O₂ sensors over to the new AMSMOTORSPORTS Sekushi Pipes. Apply anti-seize to the sensor threads, taking care not to get any on the sensor tips.
4. **Hardware and Fasteners:** Install all bolts finger-tight first so you can rotate and align the pipes properly. Ensure the vibration-damping bracket on the side branch resonator is connected to the catalytic converter brace.
5. **Tighten Down:** Tighten all bolts working front to back (starting at the engine inlet and ending at the outlet) to approximately **70 ft/lbs** of torque. Reconnect the O₂ sensor wire harnesses.

Final Checks: Start the car while it is still on jack stands and check for any exhaust leaks around the gaskets. After driving about **100 miles**, re-check and re-tighten all bolts to ensure a permanent seal.