

Toyomoto inc.
Lexus SC300 Genuine turbo system
Installation Instructions

In addition to basic hand tools, the following special tools are needed to complete installation:

torque wrench
3/4" pipe thread tap
29/32" drill bit
1 1/32" drill bit
1/8" pipe thread tap

- ✓ 1. Remove engine splash shield
- ✓ 2. Remove exhaust downpipe
- ✓ 3. Remove air intake snorkle assembly (incl. air folw meter)
- ✓ 4. Remove both exhaust manifolds
- ✓ 5. Remove one oxygen sensor and save for reinstallation
6. Remove lower oil pan from bottom of engine. Using 29/32" drill bit, drill hole into aluminum boss side of aluminum oil pan.
7. Using 3/4" national pipe thread (NPT) tap hole for oil drain fitting. **Be sure all fittings are removed from oil tray** and reinstall oil pan using approved sealer. (Toyota FIPG).
8. Using thread tape install oil drain fitting into oil pan
9. Install oil drain hose
10. Remove large bolt from oil fitler housing assy.
11. Drill head of bolt using a 1 1/32" drill bit. Then tap with 1/8" NPT tap.
12. Reinstall bolt, then install 90 degree flare fitting supplied and tighten with outlet facing downwards.
13. Install oil feed hose making sure compression fitting is properly tightened, hose is routed under engine.
- ✓ 14. Install oxygen sensor on down pipe.
- ✓ 15. Remove right side splash shield for intercooler installation
- ✓ 16. Bolt intercooler in place using aluminum brackets provided
17. Install all intercooler pipes, join with hoses supplied and clamps.
18. Install turbo inlet hose, air flow meter, and air cleaner. Join intercooler pipes to throttle body, reuse ~~rubber hose from original air hose~~
- ✓ 19. Cut vacum hose going to heater valve and install tee for compressor bypass valve
20. Reinstall lower splash shield and right side splash shield
21. Install down pipe provided
- ✓ 22. Install vacum hose from turbocharger outlet to wasgate fitting

2 install hose clamp on fuel pump