



Part number SES1982P  
1990-96 Nissan Twin Turbo 300ZX  
Intercooler hard piping

- 2- Cast aluminum IC piping to throttle body.
- 2- Mandrel bent Turbo piping to intercooler
- 2- 2 3/8" ID x 1 5/8" hose (#3039)
- 6- 2" ID x 1 5/8" long (#3072)
- 16- Small clamps .036 2 3/8" o.D. (#4009)
- 1- License plate frame (#9010)
- 1- instruction

**Congratulations! You have just purchased the best engineered, dyno-proven air intake system available.**

**Please check the contents of this box immediately.**

Report any defective or missing parts to the Authorized Injen Technology dealer you purchased this product from.

Before installing any parts of this system, please read the instructions thoroughly. If you have any questions regarding installation please contact the dealer you purchased this product from.

Installation DOES require some mechanical skills. A qualified mechanic is always recommended.

\*Do not attempt to install the intake system while the engine is hot. The installation may require removal of radiator fluid line that may be hot.

Injen Technology offers a limited lifetime warranty to the original purchaser against defects in materials and workmanship. Warranty claims must be handled through the dealer from which the item was purchased.

Injen Technology 285 Pioneer Place Pomona, CA 91768 USA

**Please check the contents of this box immediately.**

**Note: This intake system was Dyno-tested with an Injen filter and Injen parts the use of any other filter or part will void the warranty and CARB exemption number.**

Parts and accessories are available on line at "Injenonline.com"



Figure 1



Figure 2

Aluminum cast and mandrel bent pipes replace the stock rubber hose.



Figure 3

300ZX engine compartment is gutted out. Stock rubber ducting from the throttle body to the intercoolers and turbos have been removed.

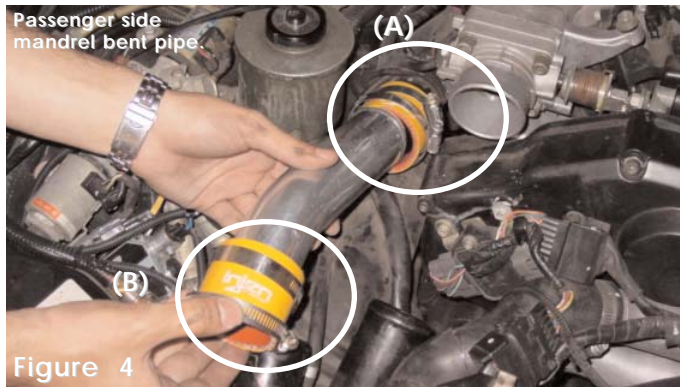


Figure 4

Press the 2" straight hose over the turbo outlet and use two clamps (A). Press another 2" straight hose over the end of the intercooler inlet piping and use two clamps (B).

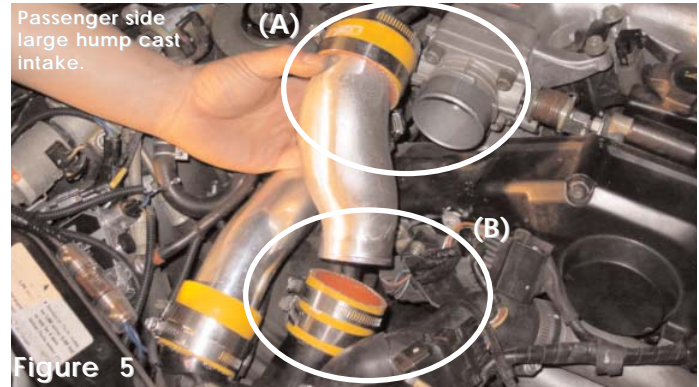


Figure 5

Take the large hump cast intake and place one of the 2 3/8" straight hose over the end that connects to the throttle body (A). Insert another 2" straight hose over the intercooler outlet piping and use two clamps (B). Insert the 2" end on the cast pipe into the 2" hose and press the other end over the throttle body.

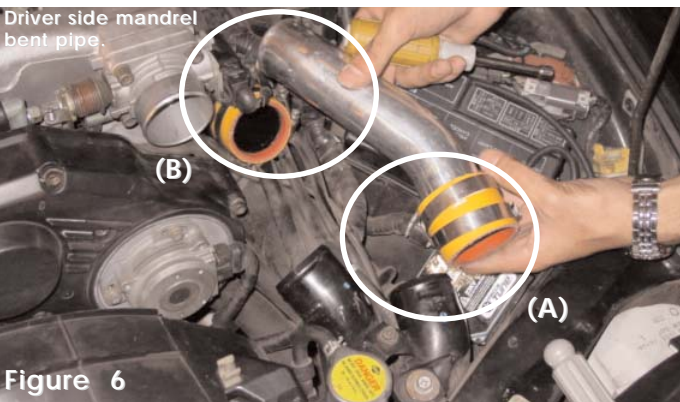


Figure 6

Press one of the 2" straight hose over the intercooler inlet piping and use two clamps (A). Insert another 2" straight hose over the turbo outlet and use two clamps, tighten the clamp on the turbo. Insert the end with the 2" hose (A) over the IC piping and press the other end into the hose on the turbo side (B)

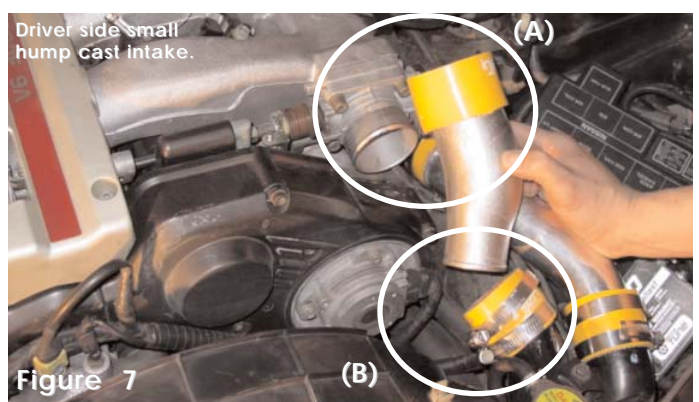


Figure 7

Take the aluminum cast pipe with the smaller hump and press a 2 3/8" straight hose over the end and use two clamps (A). Press the remaining 2" straight hose over the intercooler outlet piping and use two clamps (B). Insert the cast intake into the 2" hose on the IC piping and press the 2 3/8" hose over the throttle body.



Figure 8

The installation of the intercooler and turbo hard piping is now complete. Align the intakes for best possible fit and make sure there is no rubbing along the length of the piping before tightening all clamps. Enjoy the added power and performance of this new set up.

**Note: Disconnect the negative battery terminal prior to starting installation.**

1. Remove all rubber air intake ducts connected to the throttle bodies and intercooler inlets and turbo outlet to the intercooler inlets. (See figs. 2 and 4)
2. Press one 2" straight hose over each of the turbo outlets and use two clamps on each hose but only tighten clamp on the turbo outlets at this point. (See figs. 4 and 6)
3. Take the passenger side intercooler intake and press one 2" hose over the shortest end of the intake, use two clamps on the hose but do not tighten yet. (See fig. 4)
4. Insert the longest end of the intake into the turbo outlet and line up the other end to the intercooler inlet port. (See fig. 4)
5. Take another 2" straight hose and press it over the passenger side intercooler outlet. Press the 2 3/8" straight hose over the cast aluminum intake and use two clamps on each of the straight hose installed at this point. (See fig. 5)
6. Insert the two inch end of the intake into the intercooler outlet while aligning the other end to the throttle body. adjust the cast aluminum intake for best fit and semi-tighten the clamps for now. (See fig. 5)
7. Take the two bend mandrel bent intake and press one of the remaining 2" straight hose over the end of the intake. Prior intake alignment will be required to determine which end best lines up the the intercooler inlet and turbo outlet. (See fig. 6)
8. Once aligning and fit has been determined, press one end into the turbo outlet while pressing the other end into the intercooler inlet. Adjust for best fit but do not tighten any of the clamps at this point. (See figs. 6 and 7)
9. Take the remaining 2" straight hose and press it over the intercooler inlet and use two clamps, tighten only the clamp on the intercooler side. Press the last remaining 2 3/8" straight hose over the cast aluminum intake and use two clamps but do not tighten any of these clamps yet. (See fig. 7)
10. Insert the cast aluminum intake into the hose on the intercooler outlet and align the other end to the throttle body. Align for best fit and semi-tighten the clamps at this point. (See fig. 7)
11. Align all intakes for best possible fit and continue to tighten all clamps. (See fig. 8)
12. Remove all tools and rags from the engine compartment and reconnect the negative battery terminal prior to starting the engine.
13. Congratulations! You have just completed the installation.