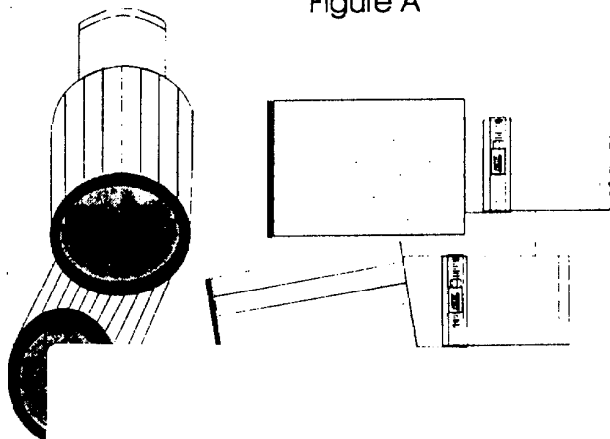


# **RX-7 TWIN TURBO TKT**

## **TKT COLD AIR INDUCTION SYSTEM INSTALATION INSTRUCTIONS**

1. Locate and identify the enclosed parts list on pg. 3.
2. Allow the vehicle to cool down before starting on this installation.
3. Remove the plastic header panel directly in front of intercooler, it is fastened with two 10mm size bolts.
4. Remove all hose clamps and hoses connected to the stock air box, next remove the three 10mm size bolts from the stock air box mounting then remove the air box.
5. Remove forward most air box mounting bracket (two bolts) it is no longer needed, then remove both turbo inlet air pipe rubber bushings as shown (Figure #1) next locate and remove the factory foam strip between the radiator and frame rail, the cold air will now enter through this area.
6. Locate the large coolant hose and raise it up about an inch off its brace, then move the smaller coolant recovery line (Figures 2a & 3a) rearward between the brace and the hose, with a little adjusting it should fit nicely.
7. Connect silencing chamber assembly to the air relief hose with the long end directed behind frame rail (Figure 2) then install and tighten #16 clamp.
8. Set the EAM manifold in place and connect the hoses, do not bolt down, then install the heat shield, the center tab on the shields base locks into the center slot on the fan shroud and rests in the groove, a slight flexing may be necessary to achieve this fit. (WARNING! on some vehicles wires may protrude from the factory wiring harness by the forward edge of the heat shield carefully inspect this area, any exposed wires should be pushed back into their enclosure and properly protected.) With the shield in place install the small filter and clamp on the EAM manifold the clamp is easily tightened through the small hole in the edge of the shield, (Figure 3). Next using a left over bolt from the front bracket secure the EAM manifold (it may be necessary to slightly bend the bracket for perfect alignment) next, place two ty-wraps around the EAM manifold and the radiator hose DO NOT OVER TIGHTEN AND KINK HOSE.
9. Use the curved hose on the stock air box to connect air pump to EAM manifold, 2 new hose clamps are used here.
10. Install dual TKT element assembly as shown in (Figure 4) tighten lower clamp first, then position the assembly so the top element angles slightly downward and tighten top clamp. (Figure A at bottom of page shows proper filter to manifold orientation).
11. Next remove tape protection and carefully press foam in place (Figure 4)
12. Last install the plastic cover over the opening left on the stock intercooler use sealer and the 5 screws to fasten.
13. Installation is complete have fun!

Figure A



### **FILTER SERVICE TIPS**

Most of our customers report over 10,000 miles between filter cleaning. The red color indicates the filters are flowing at full capacity, black color indicates the filters need cleaning; however, when black these filters still flow better than a new paper element. Accumulated sand and debris can be gently blown off between cleanings, this also extends service intervals.



TKT INDUCTION SYSTEM  
PARTS LIST

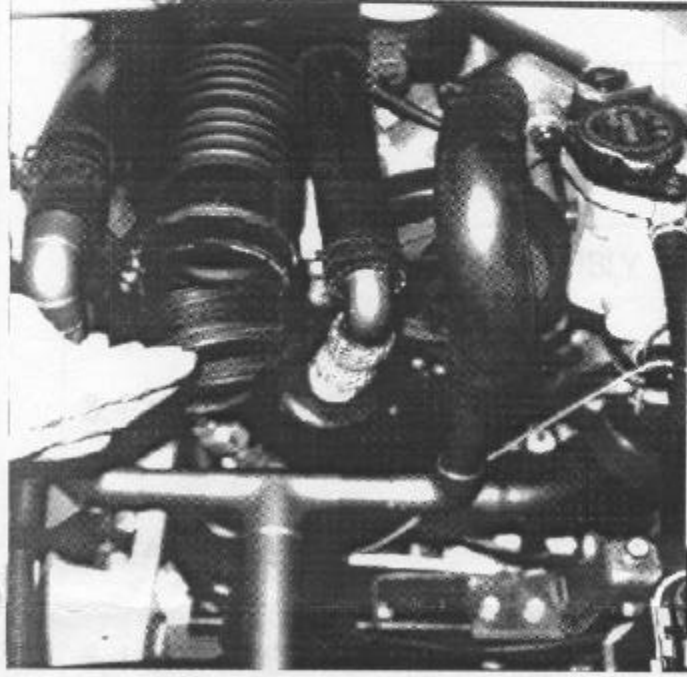


Figure 1

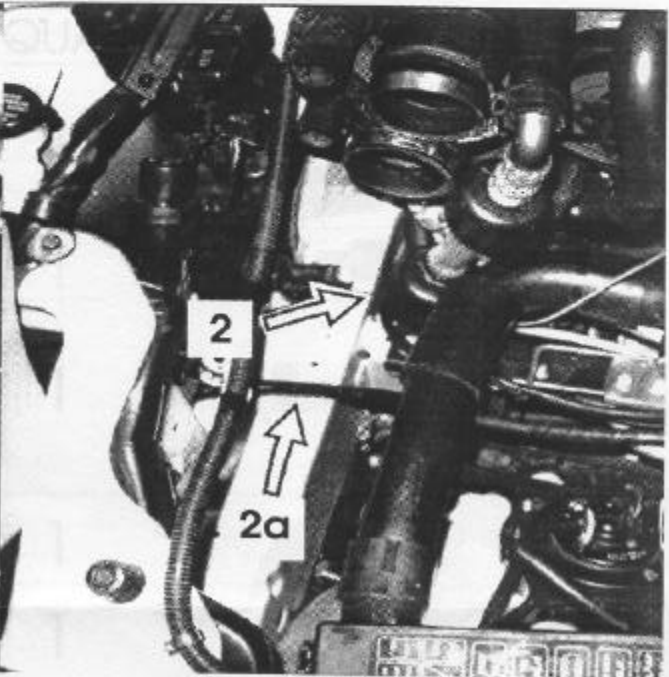


Figure 2 & 2a

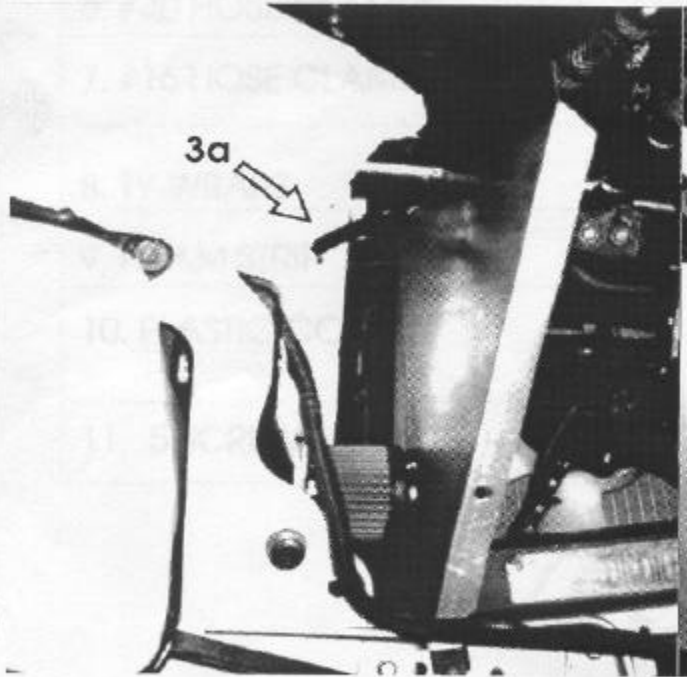


Figure 3 & 3a

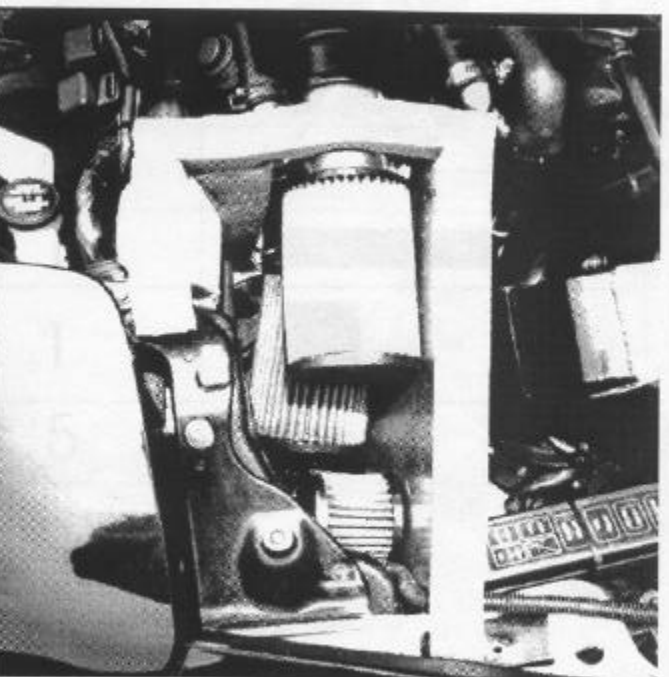


Figure 4