



# Toyota MR2 Air Intake Box

**Install time:** 1 - 2 hours

## **Tools:**

- Socket driver
- Flat head screwdriver
- 10mm deep well socket
- 7/16" deep well socket

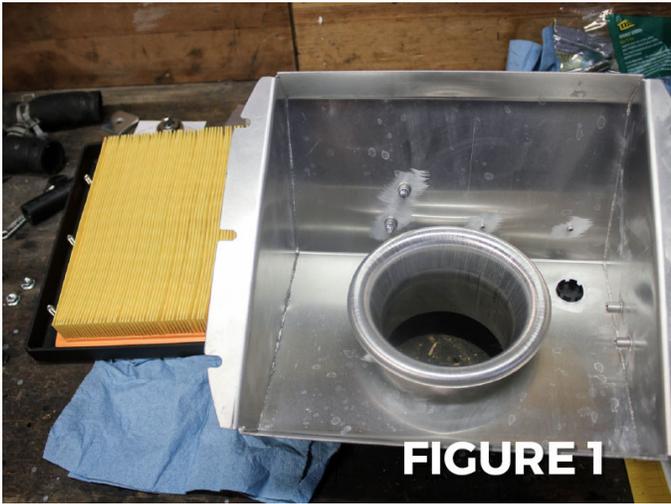
Racer X Fabrication products are designed, engineered and crafted at Racer X Fabrication, in the USA. This kit is dyno-proven to provide more horsepower (8 whp to be exact) than the typical cone-filter-and-pipe intakes on the market.

How does it provide more power? Let's take a look behind the filter into the air box. (Fig 1) The velocity stack is made up of a massive 5" bell-mouth tapering to the 4" intake piping. This helps the air move efficiently without obstructive 90 degree turns, which allows more air into the turbo compressor. Couple that with a K&N drop in filter (P/N: KNN-33-2017) and you can expect another 4 whp on top of the previous gains!

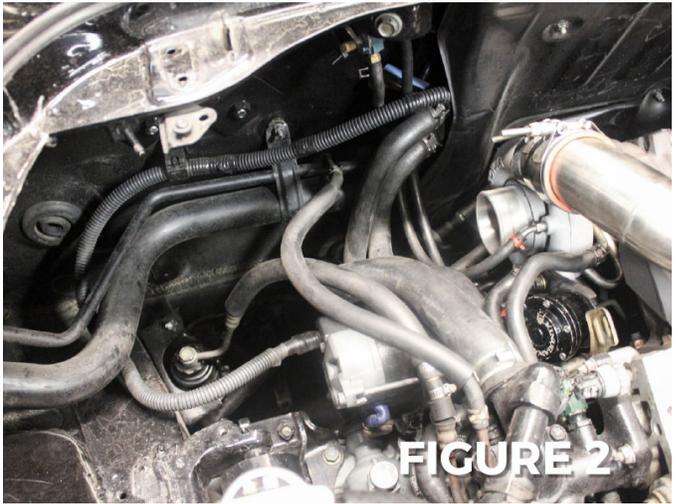
## **Instructions:**

1. To install, first remove your drivers side engine panel, then remove your air intake. Just loosen the hose clamp on the turbo compressor with a flat head screwdriver and pull the intake out. (Fig 2)
2. Attach the included brackets to the air box with a 7/16" socket and hardware provided. (Fig 3-4)
3. Remove the coolant filler neck bracket. Pull the two bolts holding it onto the chassis, don't remove or loosen any hoses, only move the coolant filler neck out of the way. (Fig 5)
4. Fit the intake box into the engine bay. This may take some wiggling, or you may have to install the coolant neck bracket into the car first, then install the air box. On the coolant filler side, the box mounts both below the rear side of the coolant neck, and on top of the coolant neck on the front end of the bracket. (Fig 6)
5. On the other side of the air box, the bracket slides onto an existing stud. Attach using a 10mm nut. (Fig 7)
6. Now it's time to install the piping from the air box to the turbo. (Tip: It is a tight fit.) The best way to do this is to play around with the fitment of the hard pipe and turbo coupler angle to get them to match up before installing the coupler on the air box. (Fig 8-10)
7. Once you have the turbo side coupling aligned with the hard pipe, pull it and install the air box side coupler. Leave the clamps as loose as possible (10mm) on the coupler and do not tighten them. Leave both clamps as loose as possible (10mm and 7/16") on the turbo coupler as well. (Fig 8-10)
8. With the air box coupler on, now install the hard pipe with the turbo coupler on it. Do this by sliding the coupler onto the turbo, and then pivoting the hard pipe in and using a flat head screwdriver **carefully** prying the air box coupler over and onto the hard pipe. Make sure the turbo side coupler is all the way on, and tighten all four clamps (10mm and 7/16"). (Fig 8-10)
9. Lastly, hook up your Intake air temp sensor (or use the supplied block off plug) and the catch can recirculation line. Re-install your engine side panel, go out and enjoy! (Fig 10-11)

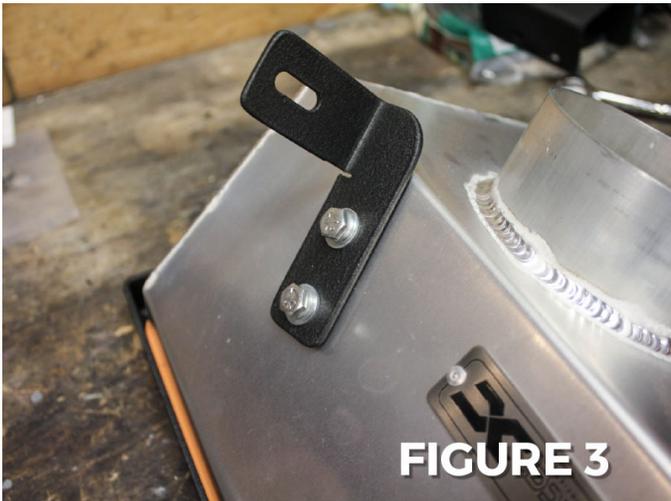
Questions, comments, or concerns? Email [tech@racerxfabrication.com](mailto:tech@racerxfabrication.com).



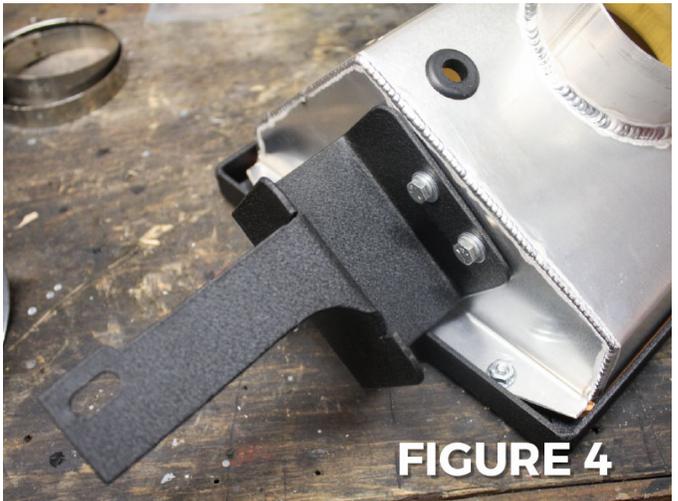
**FIGURE 1**



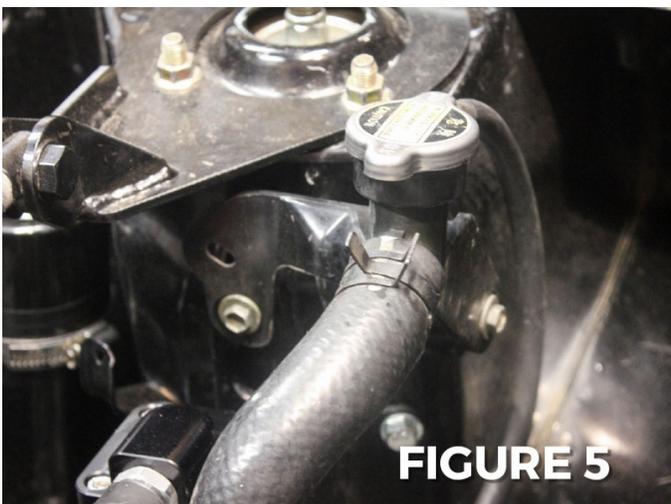
**FIGURE 2**



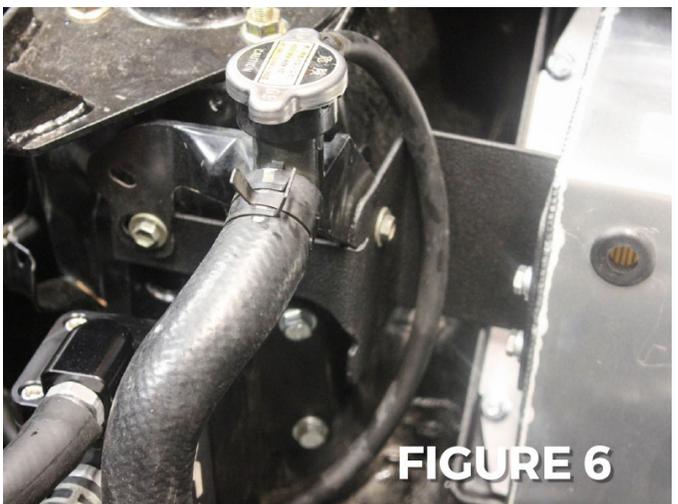
**FIGURE 3**



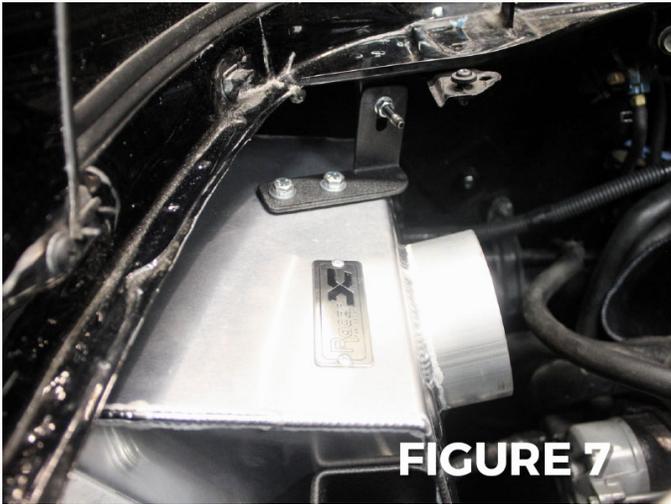
**FIGURE 4**



**FIGURE 5**



**FIGURE 6**



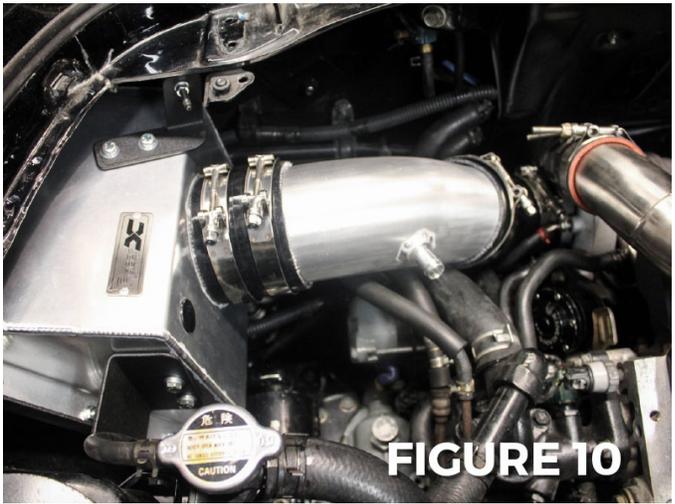
**FIGURE 7**



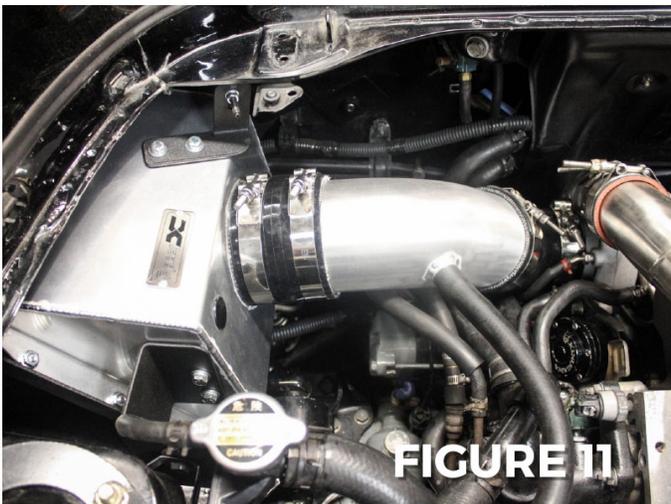
**FIGURE 8**



**FIGURE 9**



**FIGURE 10**



**FIGURE 11**