**Part number SP1431**
**2004-06 Acura TSX 4 cyl. 2.4L**

| | | |
|---|---|---|
| 1- | Two piece MR Tech cold air intake | |
| 1- | **3.50" Injen filter** | **(#1015)** |
| 1- | 2.75" x 3.00" 45 deg. silicone mold elbow | (#3013) |
| 1- | 3.50" straight hose | (#3037) |
| 1- | 1525 Sensor grommet | (#6014) |
| 1- | 1 1/8" x 2" CCV box coupler | (#3112) |
| 1- | 1/2" x 1 1/2" Alum. coupler | (#10015) |
| 2- | Mini-clamps **(.016)** | (#4017) |
| 2- | Power-Bands **(.362)** .048 | (#4004) |
| 2- | Power-Bands **(.412)** .056 | (#4005) |
| 1- | M6 male/female vibra-mount | (#6028) |
| 1- | M6 vibra-mount | (#6020) |
| 3- | M6 flange nuts | (#6002) |
| 3- | Fender washers | (#6010) |
| 1- | Instruction | |

**Tools required:**

1. Ratchet
1. 10mm socket
1. 8mm nut driver
1. pliers
1. flat head screw driver

**Note:** The installation of this cold air intake does require mechanical skills. Removal of the front bumper requires loosening and removing several plastic plugs and screws that may be difficult. In addition to removing the bumper, you will also have to remove the air resonator box, battery and tray when beginning this installation. **Injen strongly recommends that this system be installed by a professional mechanic.**

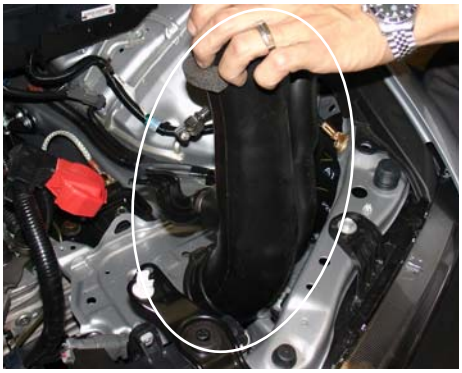
## MR Technology, "The World's First Tuned Intake System!"

### Optimum performance, Factory safe air/fuel ratio.

### "An air Intake Evolution"


Loosen clamps and remove the air intake duct as shown above.

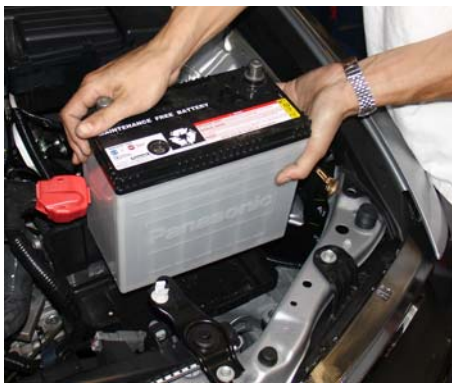
Loosen bolts and take out entire air intake box.



With the air intake box out of the way continue to remove the air resonator tube.

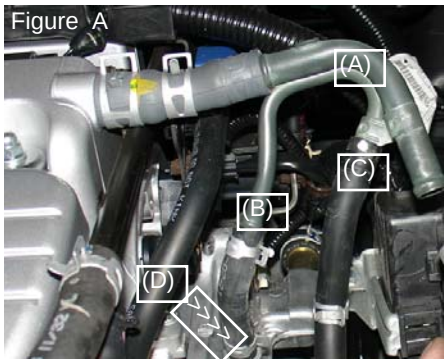
**Note:** In order to proceed to the next step, removal of the front bumper will be required. Loosen bolts and remove the air resonator box.

With the air resonator box out, remove the resonator connecting duct that connects the air resonator tube and air resonator box.



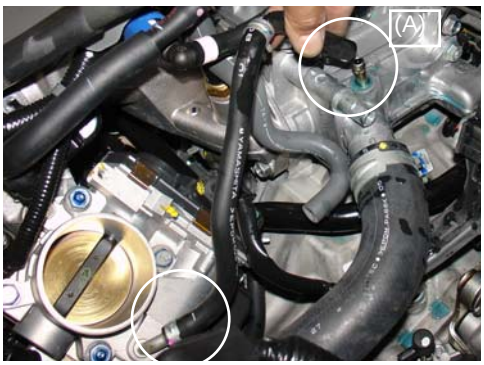
For best positioning of the cold air intake, removal of the battery will be required.

Once the battery has been removed, continue to remove the battery tray from the metal frame.




Entire PCV hard pipe will be removed. Hard pipe (A) and (B) are removed. Coolant rubber hose (C) is disconnected and pressed over port (D) once the (B) and hose has been removed.

PCV hard pipe has been disconnected and removed from the breather hose and coolant lines.




Referring to top middle picture or figure A, the (C) is disconnected from the PCV hard pipe and pressed over the coolant outlet port (A).


Start screwing the female vibra-mount over the battery tie stud as shown above (A). Give the vibra-mount around 12 full turns before stoping. The vibra-mount will stand firm once you have finished (B).


The 45 degree reducer elbow will slip over the 2 7/8" throttle body (A). Use two medium clamps and tighten the clamp on the throttle body side. The stock coolant line is installed over the coolant out port (B).

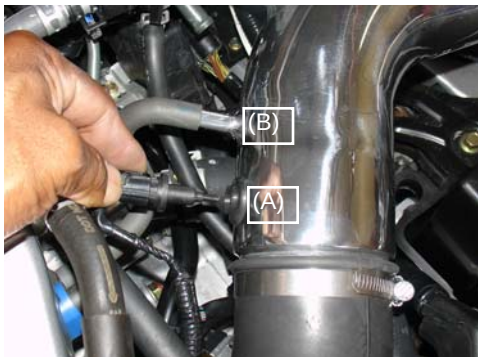
Align the primary intake and press the 3” end into the 3” 45 degree elbow.

The primary intake is pressed into the elbow and the clamp is semi-tightened.

The intake bracket is now aligned to the vibra-mount stud. Use the m6 flange nut and fender washer to secure the intake in place.

Insert the 1525 sensor grommet into the pre-drilled 3/4” hole. The grommet groove will sit flush in the 3/4” hole inner diameter.

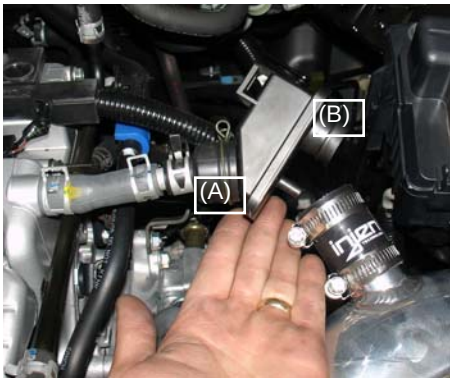
The stock injector solenoid breather line is inserted over the long 3/8” intake port as shown above.



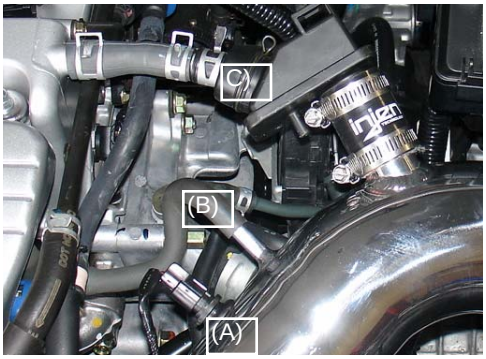

Take the air temperature sensor and press it into the sensor grommet until it sits firmly in place (A). The stock vacuum hose is connected to the 3/8” intake port (B).


Take the 2” long CCV hose, place one clamp on each end of the hose. Press the CCV hose over the large intake port as shown above (A). The CCV hose is in installed and clamp is tightened (B).

Insert the 1 1/2” long coupler into the crank case hose. Insert coupler half ways into the vacuum hose.




Press top end of the CCV box into the crank case coupler and use the stock clamps (A). Press the large CCV port into the 1 1/8” CCV hose (B) as shown above.




The air temperature sensor (A), vacuum hose (B) and CCV box (C) have all been installed properly.


The 3 1/2” straight hose is pressed over the end of the primary intake. Use two large clamps and tighten the clamp on the intake side

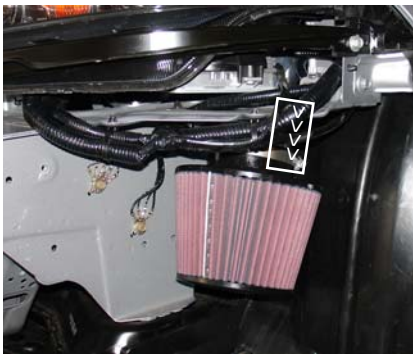
Screw the male m6 vibra-mount into the pre-tapped hole right above the resonator opening.

The secondary intake is now inserted into the resonator opening as shown above.

The secondary intake is pressed into the 3 1/2" hose located on the end of the primary intake.

Once the top end of the secondary intake has been inserted into the primary hose, continue to align the intake bracket to the vibra-mount stud. Use the m6 flange nut and fender washer to secure the intake.

The 3 1/2" inlet on the secondary intake will sit just below the resonator opening as shown above.



Press the Injen filter over the end of the secondary intake and tighten the clamp on the filter neck.

Congratulations! The installation is now complete. align the entire intake for best possible fit, then continue to tighten all nuts, bolts and clamps. Periodically, check the alignment of the intake to prevent damage to the intake system.

1. Upon completion of the installation, reconnect the negative battery terminal before you start the engine.

2. Align the entire intake system for the best possible fit. Once the intake has been properly fitted continue to tighten all nuts, bolts and clamps.

3. Periodically, recheck the alignment of the intake system and make sure there is proper clearance around and along the length of the intake. Failure to follow proper maintenance procedures may cause damage to the intake and will void the warranty.

4. Start the engine and listen carefully for any odd noises, rattles and/or air leaks prior to taking it for a test drive. If any problems arise go back and check the vacuum lines, hoses and clamps that maybe causing leaks or rattles and correct the problem.

**5.** Check the filter for excessive dirt build up. Clean or replace the filter with an original Injen filter. Congratulations! You have just completed the installation of the best intake system sold on the market. Enjoy the added power and performance of your new intake system.