**Part number SP1987**

2007-08 Nissan 350Z 3.5L V6
cold air intake equipped with
MR Tech and Air Fusion

<table>
<thead>
<tr>
<th>Item Description</th>
<th>Quantity</th>
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</thead>
<tbody>
<tr>
<td>1- Driver side primary air intake</td>
<td>1</td>
</tr>
<tr>
<td>1- Passenger side primary air intake</td>
<td>1</td>
</tr>
<tr>
<td>1- Driver side lower air intake coupler</td>
<td>1</td>
</tr>
<tr>
<td>1- Pass. side lower air intake coupler</td>
<td>1</td>
</tr>
<tr>
<td>2- Secondary silicone bumper (#3164)</td>
<td></td>
</tr>
<tr>
<td>air intakes</td>
<td></td>
</tr>
<tr>
<td>2- 3” Dyno-tuned filters (#1017)</td>
<td></td>
</tr>
<tr>
<td>2- 3/4” straight hose (#3043)</td>
<td></td>
</tr>
<tr>
<td>4- Power Bands .362/.048 (#4004)</td>
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<tr>
<td>4- Power Band .312/.040 (#4003)</td>
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<tr>
<td>1- Driver side bumper brkt. (#20091)</td>
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</tr>
<tr>
<td>1- Pass. side bumper brkt. (#20092)</td>
<td></td>
</tr>
<tr>
<td>1- dual horn relocating brkt. (#20093)</td>
<td></td>
</tr>
<tr>
<td>2- 17mm ID - 1 1/2” long hose (#3080)</td>
<td></td>
</tr>
<tr>
<td>2- m6 x 16mm flange bolt (#6005)</td>
<td></td>
</tr>
<tr>
<td>1- 7 page instruction</td>
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</tbody>
</table>

**Note:** All parts and accessories now sold on-line at:
[injenonline.com](http://injenonline.com)

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**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 air Intake System!”

Factory safe air/fuel ratio’s for Optimum performance Patent# 7,359,795

Now equipped with “Air Fusion” Patent pending

Another great invention by Injen Technology

“Why settle for cheap imitations when you can have the original”

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**Warning:** Manufactures attempting to duplicate Injen’s patented process will now face legal action.

MR Technology Step down process:
1- Calibration Method for Air Intake Tracts for Internal Combustion Engines. Covered under Patent# 7,359,795
2- Calibration Device for Air Intake Tracts for Internal Combustion Engines. Published and patent pending
3- Calibration Method and Device for Air Intake Tracts having Air Fusion Inserts Published and patent pending

Congratulations! You have just purchased the best engineered,
dyno-proven cold 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 244 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”
Depress the side locking tab on the electrical harness clip and pull up on the harness clip as seen on both (A) and (B).

Loosen and remove the two bolts that secure the mass air flow sensor to the sensor housing on both (A) and (B).

Loosen and remove the 2-10mm flange nuts and 1-10mm bolt from the upper engine cover as shown above.

Once all 6-14mm bolts and two flange nuts have been removed, continue to pull the strut tower bar out of the engine compartment.

Once all nuts and bolts have been removed, continue to pull the lower engine cover out of the engine compartment.

Loosen and remove the 3-14mm bolts and 1-nut shown on the passenger side.

Remove the 3-m14 bolts and 1-flange nut located on the drive side strut bar bracket.

Removing engine covers: Remove the 2-10mm flange nuts and the 2-10mm bolts from the lower engine cover.

The two piece engine cover has been removed from the engine compartment. The air intake ducts and air box cleaner are now ready to be removed.

Depress the side locking tab on the electrical harness harness clip as seen on both (A) and (B).

Loosen and remove the two bolts that secures the mass air flow sensor to the sensor housing on both (A) and (B).
Remove all six plastic clips from the upper bumper area and all 14-10mm bolts from the lower bumper area. Once all clips and bolts have been removed, continue to pull the bumper away from the car.

Remove the foam bumper padding from the aluminum bumper support as shown above.

Once you have removed both electrical harness, both m6 bolts from the air box cleaners, both air ventilation boxes and loosened the clamps on the throttle bodies, continue to pull both air box cleaners from the engine compartment.

Use a pair of pliers to depress the tension clamps on the air intake ducts. Once the tension clamps have been depressed, continue to pull the crankcase air ventilation boxes from both passenger side (A) and driver side (B) air intake ducts.

Loosen both hose clamps on the passenger side (A) and driver side (B) air intake ducts.

With two power bands on straight hose, press the 2 3/4” hose over the passenger side (A) and driver side (B) throttle bodies. Once the hose is firmly pressed over the throttle body, continue to tighten the clamp over the throttle body side.

Remove one m6 bolt from the passenger side (A) and driver side (B) air box cleaner. A single bolt secures each air box cleaner in place.

Once all bolts have been removed from each of the mass air flow sensor, continue to pull the mass air flow sensors from the passenger side (A) and the driver side (B) air intake ducts as shown above.

Remove all six plastic clips from the upper bumper area and all 14-10mm bolts from the lower bumper area. Once all clips and bolts have been removed, continue to pull the bumper away from the car.

Remove the foam bumper padding from the aluminum bumper support as shown above.
Remove the 10mm bolt from the bumper bracket as shown above. Once the bolt has been removed, continue to remove the brace from the passenger side (A) and driver side (B).

Remove the plastic clips from the front air scoops which are located in front of the passenger side (A) and the driver side (B) cross member.

Stock horns to be removed and relocated. Circled above are the harness clip and wire loom that need to be removed from the crossmember, this will allow the harness and horns to be relocated into the lower bumper area.

Depress the plastic tab and separate the male and female harness clips (A), pull the male clip away from the crossmember, this will allow the harness to be extended (C). Pull the plastic clip on the wire loom from the crossmember to allow wire harness to be extended further down into the bumper area (B).

Remove the plastic clips from the front air scoops which are located in front of the passenger side (A) and the driver side (B) cross member.
The assembled horns and bracket are now lowered behind the bumper area and attached to the driver side stock location. The stock 10mm bolt is used to fasten the horn bracket in place (A). A 10mm socket is used to fasten the horn bracket in its original location.

The passenger side mass air flow sensor is lowered into the billet machined sensor adapter (A). Once the mass air flow sensor has been carefully positioned in place, continue to use the stock bolts to secure the mass air flow sensor in place (B).

The 1 1/2” long, 17mm hose is pressed over the CCV box port (A). It can also be pressed over the intake port as well. The 17mm stub on the CCV box is now pressed over the air intake port (B). Insert the upper intake into the throttle body hose, adjust and use an 8mm nut driver to semi-tighten the clamp.

The power-bands are placed over the 90 degree silicone intake hose (A). The upper end is inserted into the front air scoop opening (A) and the silicone hose is pressed over the intake end (B), adjust and tighten the clamp on the silicone hose (B).
The Dyno-tuned filter is aligned to the passenger side filter coupler (A). The filter is pressed over the coupler until it comes to rest against the built-in filter velocity stack stop (B). The 8mm nut driver is used to tighten the filter neck clamp (B).

The new passenger side bumper bracket is aligned to the stock location (A), use the stock 10mm bolt to fasten the bracket in place (B).

The passenger side filter coupler is pressed into the end of the silicone intake (A). The coupler bracket is aligned to the m6 nut on the bumper bracket, use the 10mm bolt to fasten the coupler in place (B). Note: must use passenger side coupler

The passenger side filter coupler is pressed into the end of the silicone intake (A). The coupler bracket is aligned to the m6 nut on the bumper bracket, use the 10mm bolt to fasten the coupler in place (B). Note: must use passenger side coupler

The passenger side filter coupler is pressed into the end of the silicone intake (A). The filter is pressed over the coupler until it comes to rest against the built-in filter velocity stack stop (B). The 8mm nut driver is used to tighten the filter neck clamp (B).

The new driver side bumper bracket is aligned to the stock location (A), use the stock 10mm bolt to fasten the bracket in place (B).

The new driver side bumper bracket is aligned to the stock location (A), use the stock 10mm bolt to fasten the bracket in place (B).

The passenger side and driver side filter couplers and filters are aligned for best possible fit. Once you have aligned the silicone intake hose, filter couplers and filters, continue to tighten the bolts and clamps. NOTE: Bend direction on brackets and angle cut on brackets to determine proper position of filter couplers.

The upper engine cover is re-installed to its stock location as shown above. Use the 2-10mm flange nuts and 1-10mm bolt to fasten the upper engine cover in place.
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 (can be bought on-line at “injenonline.com”). 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.