



Part number SP1999
2014-15 Infiniti Q50 3.7L V6
Short Ram Intake System

- 1- 2 pc. SRI w/ **M.R. Technology**
- 2- 3-1/4" Injen dry filter (#1063BB)
- 1- **Heatshield Passenger** (#11107)
- 1- **Heatshield Driver** (#11108)
- 1- **Bracket extension** (#20118)
- 2- 2-3/4" straight hose (#3043)
- 1- 1-1/8" straight hose (#3112)
- 4- #40 clamp (#4003)
- 2- #16 mini clamps (#4017)
- 4- M6 Hex bolt (#6005)
- 2- M6 Vibramount (#6020)
- 3- M6 Nut (#6002)
- 6- Fender Washer (#6010)
- 2- Rubber trim @7.5"L (#6058)
- 2- Rubber trim @3"L (#6058)
- 1- 15mm hose @8.5"L (#3079)
- 1- 17mm hose @2"L (#3217)

Note: Injen strongly recommends that this system be installed by a professional mechanic.



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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.

PRODUCT DISCLAIMER AND LIABILITY WAIVER: THIS PRODUCT IS DESIGNED FOR OFF-ROAD or COMPETITION USE ONLY.

Please keep all OEM intake system components for future use.

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.

M.R. 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
"At Injen Technology, we didn't copy the step down process, we invented it!"

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



Figure 3: Stock air box assembly shown in this picture. Disconnect battery before the install. Remove the engine cover.

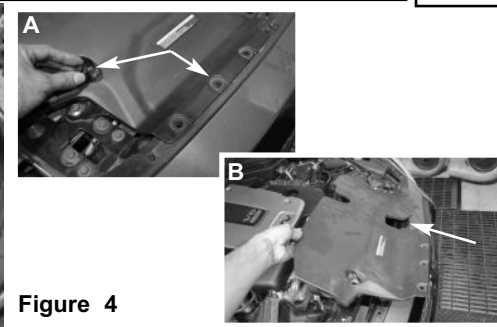


Figure 4: **Figure A:** Loosen the plastic push-clips holding in the factory ram scoop. **Figure B:** Once all removed, lift up and remove the ram scoop.



Figure 5: Remove the 3 bolts and 2 nuts holding in the engine cover. Lift up and remove the engine cover.

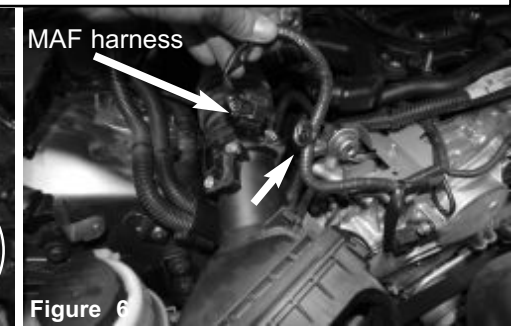


Figure 6: For both Driver and Passenger side, disconnect the MAF sensor harness and pull harness clip away from airbox.

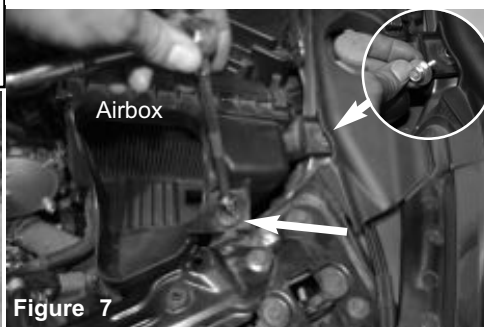


Figure 7: For both Driver and Passenger side, loosen the 2 bolts holding in the airbox. Loosen using 10mm socket or wrench.

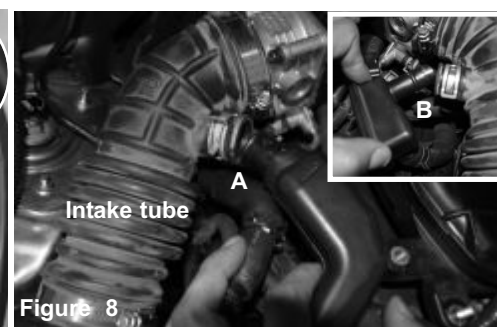


Figure 8: A) Passenger side remove CCV box from the intake tube using pliers. B) Pull back crank case line from driver side using pliers.

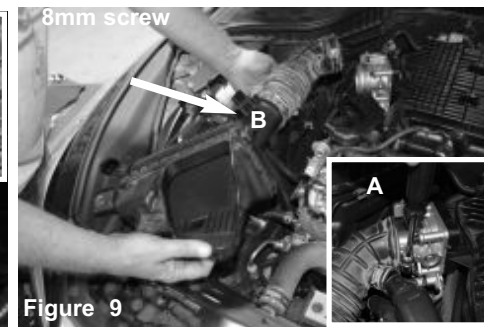


Figure 9: A) For both Driver side and Passenger side, loosen the clamp on throttle body. B) Now lift up and remove the both stock intakes out of the vehicle.

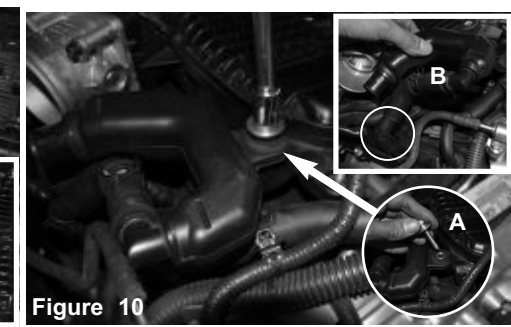


Figure 10: A) Loosen the passenger side CCV box using 10mm socket and remove the screw. B) Locate the line attached to the crankcase fitting on engine and using pliers remove the CCV box assembly from vehicle.

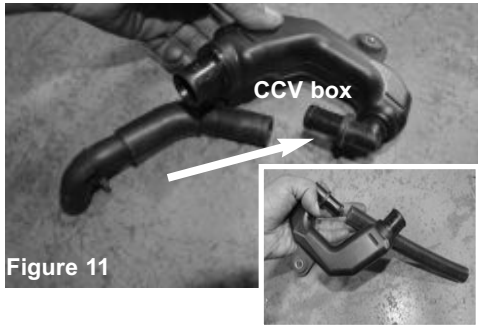


Figure 11

With pliers, remove the factory hose from the fitting on CCV box. Replace with new provided 15mm hose to the same fitting.

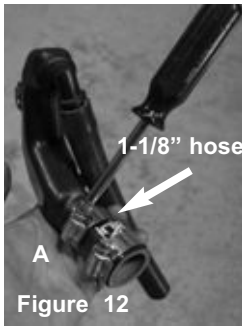


Figure 12

A) Now install the 1-1/8" hose with mini clamps provided to the fitting on larger side. B) Now install the new CCV assembly to fitting on engine. Position like above image. Push CCV box behind Throttle body.

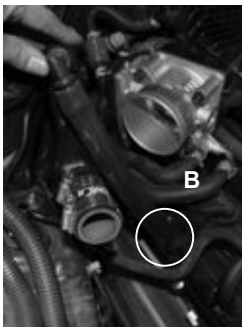


Figure 13

A) Locate the passenger side bracket on the engine. B) Install provided M6 vibramount with nut to the bracket. Center the bracket to the slotted hole and tighten using 10mm wrench.



Figure 14

A) Locate the driver side 10mm hex bolt holding in bracket on engine. Loosen the screw and save. B) With provided M6 vibramount and bracket extension, attach the vibramount to the threaded insert and secure.

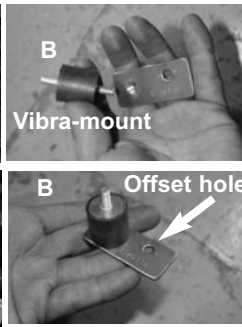


Figure 15

Now install the bracket extension assembly to the insert from the previous step. Make sure the offset hole is in the correct position. Secure and tighten the bracket using the original screw using 10mm socket or wrench.

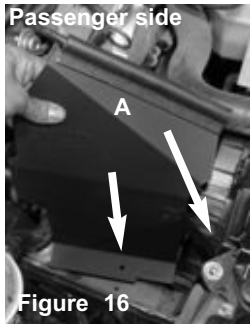


Figure 16

A) Install the passenger side heatshield to the vehicle and position the bracket to the threaded holes on the vehicles frame. Attach Rubber trim seal to the top of the heat shield. B) Secure the heatshield using provided M6 hex screws and washers. Tighten and secure using 10mm socket and ratchet.

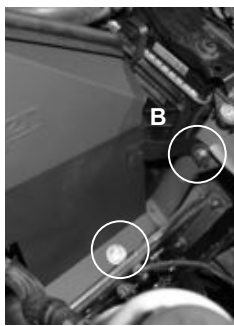


Figure 17

A) Install the driver side heatshield to the vehicle and position the bracket to the threaded holes on the vehicles frame. Note: Bracket is between plastic hardline and a/c line. Attach Rubber trim seal to the top of the heat shield. B) Secure the heatshield using provided M6 Tighten and secure using 10mm socket and ratchet. hex screws and washers.

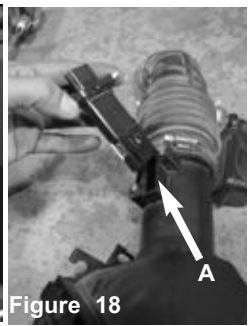


Figure 18

A) For both the passenger and driver side, remove the MAF sensors using 7mm nut driver. B) Install MAF sensors into the new intake tubes and secure using the OEM screws.



Figure 19

A) For both passenger and driver install the straight hose with clamps provided to the throttle body's. B) Install the filters to the intake tubes and tighten using 8mm.

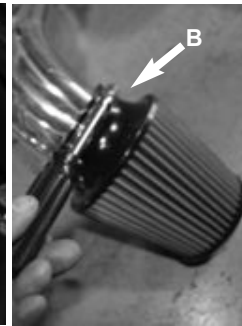


Figure 20

A) Install driver side intake tube assembly. B) Secure the bracket to the vibramount from step 14/15 using provided M6 nut and fender washer. C) Connect the crank case box to the fitting using provided 17mm hose. Make sure the plastic fitting goes inside the fitting welded on tube.

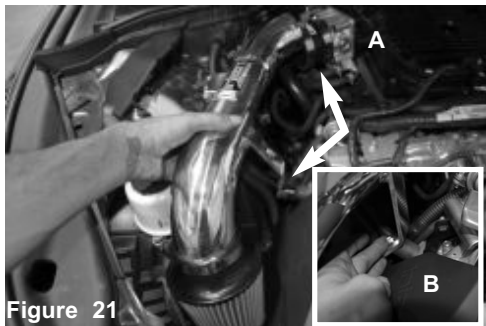


Figure 21

A) Install passenger side intake tube assembly. B) Secure the bracket to the vibramount from step 13 using provided M6 nut and fender washer.

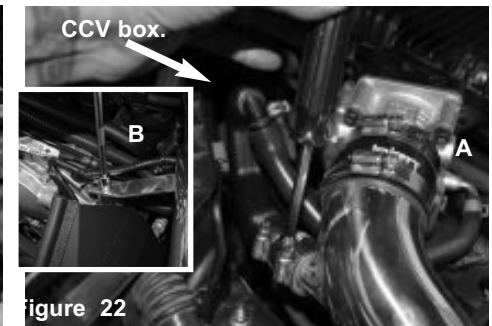


Figure 22

A) Position the crank case assembly from steps 10-12 to the large fitting on tube. Position for the CCV box to fit and not touch anything. B) Tighten both passenger and driver side brackets using 10mm socket and ratchet. Tighten the clamps using 8mm nut driver on throttle body.

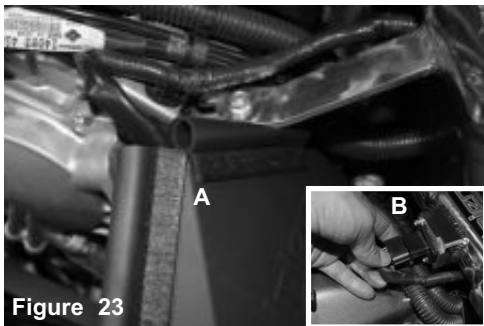


Figure 23

A) Reconnect the MAF sensor harness for both sides. B) When installing engine cover, you can use provided 3"L rubber trim on top sides of heat shield to prevent the cover from touching or you can notch cover for clearance. Connect the battery terminals. Re-adjust and check for clearance.



Figure 24

Congratulations! You have just completed the installation of this intake system. Periodically, check the alignment of the intake, normal wear and tear can cause nuts and bolts to come loose. **Note: Check clearance and adjust if needed! Failure to check the alignment and adjust the intake can cause damage that will void the warranty. Injen Technology is not responsible for any damages caused by/from improper installation.**

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. 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.