

ALTA

PERFORMANCE

R56 Boost Tube Replacement

080807

Thank you for purchasing the ALTA Performance Cooper S intake system. Persons experienced in the proper operation of MINI engines should only perform installation. *Please read through all the instructions before performing the installation, and please make sure to remove the plastic fire wall trim panel!! Removing the trim panel allows for cool pressurized air from the window scoop to enter the intake.*

SPECIAL NOTES:

- Use of the factory service manual, can be very helpful during the installation. These can be purchased at the dealership, or online. <http://www.realoem.com> has diagrams for the entire car, which can also be helpful.
- Take time in removing OEM hoses. A long extension and 8mm socket will make installation go much smoother.
- The use of a bent awl is highly recommended to make installation of hoses much easier.

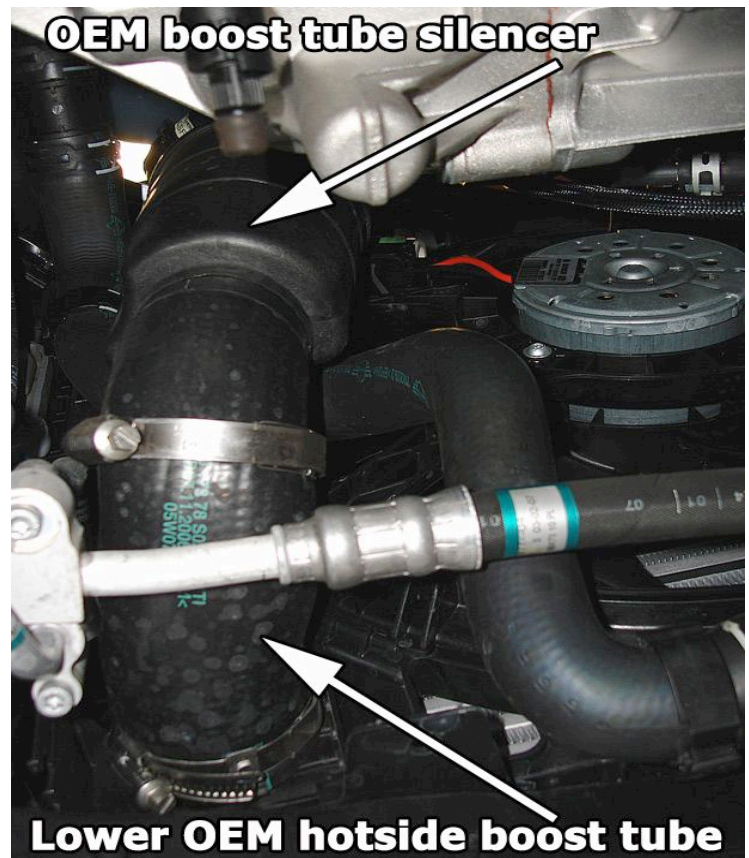
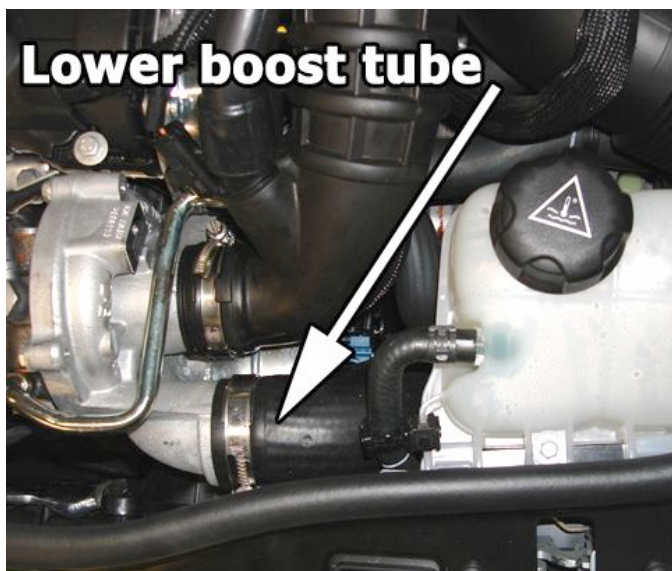
Parts Included with the ALTA R56 Boost tubes:

- (1) ALTA R56 Boost Tube Sets
- (1) Size 48 hose clamps
- (3) Size 36 hose clamps
- (2) Size 24 hose clamps
- (1) 1.25" aluminum beaded coupler

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Installation of Hot Side Boost tube:

- 1) Open hood and disconnect battery (-) terminal. (Battery is located in passenger side window cowl cover)
- 2) Locate and remove screw holding coolant tank to radiator shroud (8mm hex head screws). Move tank from radiator shroud to gain better access to turbo side boost tube connection. Loosen hose clamp.
- 3) Follow OEM boost tube from turbo to Silencer. Locate 2 bolts holding silencer to radiator shroud and remove. The silencer will not be reinstalled.
- 4) Locate and loosen clamp on OEM boost where it connects to intercooler.

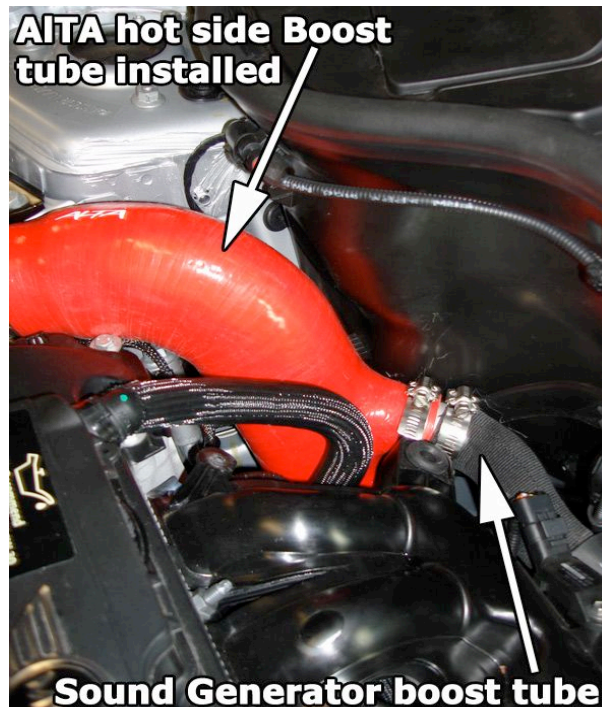
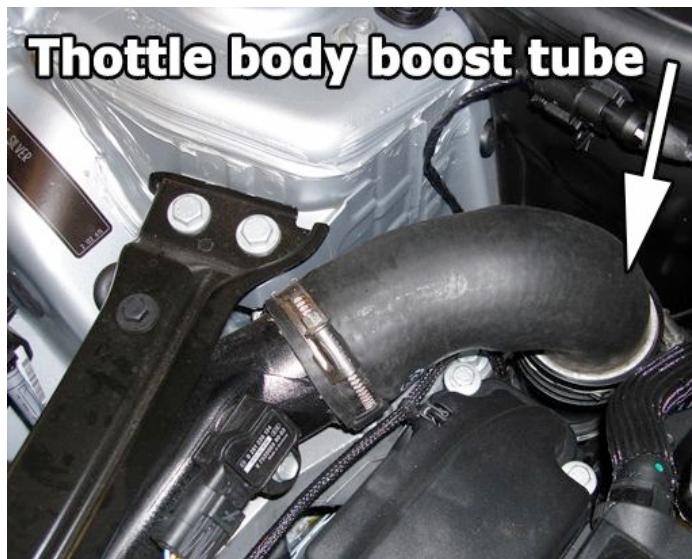


- 5) Remove boost tube from vehicle in one piece. It is easiest to remove through bottom of vehicle.
- 6) Install supplied size 36 hose clamps to both sides of ALTA boost tube. Leave loose.
- 7) Install boost tube into vehicle with ALTA logoed end on turbo, and larger end onto intercooler.
- 8) Tighten both upper and lower hose clamps.



Installation of Cold Side boost tube:

- 1) Locate hard pipe on passenger side of car, and loosen clamp connecting it to rubber OEM boost tube.
- 2) Locate Sound generator on firewall and follow rubber hose to where it meets the OEM boost tube. Loosen hose clamp.
- 3) Locate and loosen hose clamp where OEM boost tube connects to throttle body.
- 4) Remove OEM boost tube from engine bay.
- 1) Preinstall supplied 1.375" boost tube coupler into silicone hose and tighten supplied size 24 clamp. Make sure to leave half of coupler sticking out of ALTA boost tube.
- 2) Preinstall supplied Size 48 hose clamp onto throttle body side of ALTA boost tube.
- 3) Preinstall supplied Size 36 hose clamp onto opposite end of boost tube where ALTA Logo is.
- 4) In one step install hose onto throttle body and hard boost tube. (this is where the bent awl can really help)
- 5) Install OEM noise generator hose onto installed 1.375" aluminum coupler.
- 6) Once hose is aligned, tighten all 3 hose clamps hose to clear
- 7) Reconnect battery (-) terminal and start car and check for vacuum leaks, once none are found, proceed to test drive.



PARTS TO GO WITH YOUR R56 BOOST TUBES:

- ALTA R56 Cold Air Intake
- ALTA R56 3" Turbo back or Catback exhaust
- ALTA R56 Front mounted intercooler

For questions & comments please contact
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