



R56 MCS/JCW Thermal Blanket for Turbo

2013-05-03

Thank you for purchasing this ALTA product for your car! Installation of this product should only be performed by persons experienced with installation of aftermarket performance parts and proper operation of high performance vehicles. If vehicle needs to be raised off the ground for installation, the installer must use proper jacks, jack-stands and/or a professional vehicle hoist for safety of the installer and to protect property. If the vehicle is lifted improperly, serious injury or death may occur! Please read through all instructions before performing any portion of installation. If you have any questions, please contact our tech department prior to starting installation. We can be reached in any of the following methods:

Email Tech@ALTAperformance.com
Instant Chat off the main page of www.ALTAperformance.com
Or simply call our tech team at 503-693-1702

GENERAL MODIFICATION NOTE

Modifications to any vehicle can change the handling and performance. As with any vehicle extreme care must be used to prevent loss of control or roll-over during sharp turns or abrupt maneuvers. Always wear seat belts, and drive safely, recognizing that reduced speeds and specialized driving techniques may be required. Failure to drive a vehicle safely may result in serious injury or death. Do not drive a vehicle unless you are familiar with its unique handling characteristics and are confident of your ability to maintain control under all driving conditions. Some modifications (and combinations of modifications) are not recommended and may not be permitted in your state or country. Consult the owner's manual, service manual, instructions accompanying these products, and local laws before purchasing and installing these modifications. You are responsible for the legality and safety of the vehicle you modify using these components.

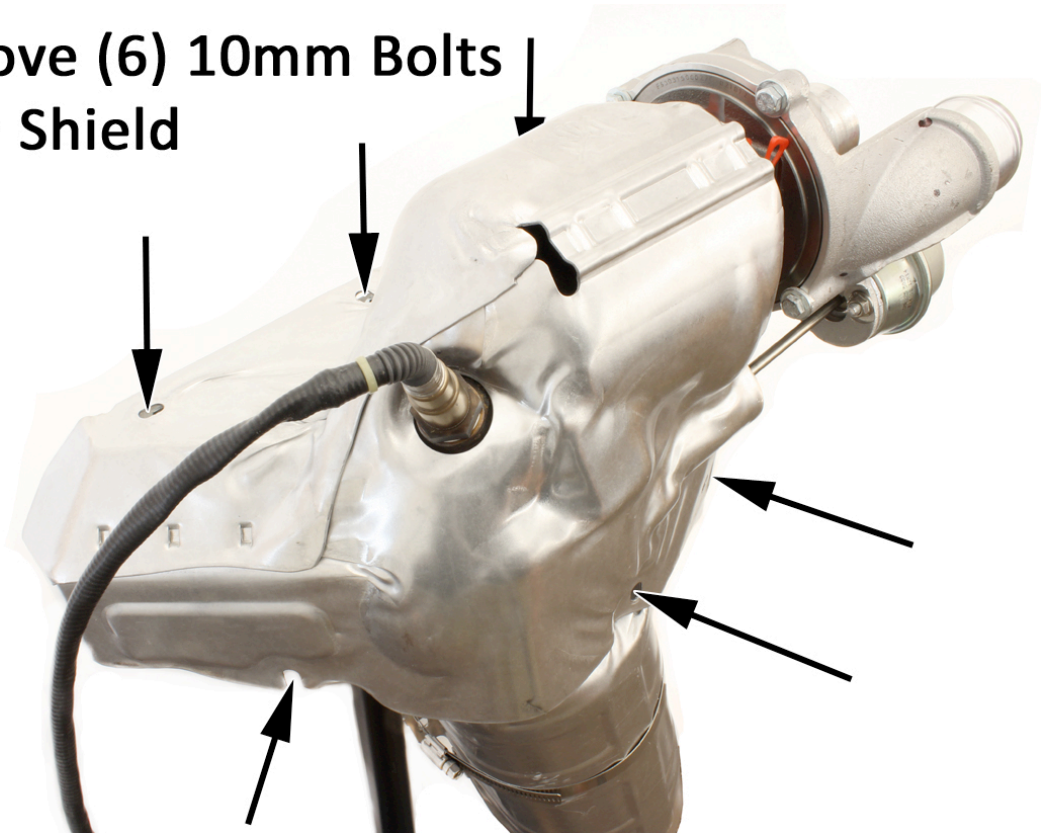
SPECIAL NOTES:

- 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.
- Thermal blanket can be installed over OEM shield as well as replace OEM shield. If you desire to leave OEM shield in place, use OEM bolts and included washers. Also O2 sensor does not need to be removed but rather unplugged and fed through hole in ALTA Thermal Blanket.

Parts Included with the ALTA Thermal Blanket For Turbo:

- (1) ALTA R56 Thermal Blanket for Turbo
- (6) M6x14 Button Head SS Screws
- (6) M6 Fender Washers
- (1) Allen wrench

Remove (6) 10mm Bolts
From Shield



Installation:

- 1) Allow vehicle to cool off for at least 4 hours before performing installation.
- 2) Open bonnet and locate turbocharger and OEM heat shield. Remove (6) 10mm headed bolts securing OEM shield to engine. **NOTE: Bolts located on the front side of heatshield will require gear type wrenches and or ¼" drive 10mm sockets.**
- 3) With shield loosened, remove O2 sensor from downpipe using an O2 sensor wrench or O2 sensor socket.
- 4) Remove OEM heat shield from car and set ALTA Thermal Blanket over turbo and exhaust manifold.
- 5) Using (3) supplied M6 bolts and fender washers, secure lower portion of shield first.
- 6) Ensure blanket is wrapped over turbo and small flap is placed between oil line and turbine housing of turbo.



- 7) Install (3) supplied M6 bolts and fender washers to secure upper portion of heat shield.
- 8) Check for clearance where wastegate actuator rod passes under blanket. If blanket is interfering with rod, simply pull shield out away from rod. **Note: This portion of shield gets bent very easy and its important that the actuator rod doesn't hit, or excessive wear will occur on blanket and void warranty.**
- 9) Reinstall O2 sensor back into downpipe and tighten using O2 sensor wrench or O2 sensor socket.
- 10) Start engine and let run for at least 5 minutes. Some smoking or smells will come off Thermal Blanket during this time. This is normal.
- 11) Take car for test drive for roughly 10 minutes and you should see further smoking and a smell coming off blanket. This is normal and will go away after one or two days of driving.

Questions, Comments and Suggestions Contact: Tech@ALTAperformance.com
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