M7 Thermal Insulation Turbo Heatshield
Installation Guide

P/N  56-3M7111 (2007-2010)
     56-3M7115 (2011-2013)

YouTube.com Installation video www.youtube.com/m7tuning

http://www.youtube.com/watch?v=ykTrMvud6r4&feature=c4-overview&list=UUNVcb5rlgxtQl8KAwfP3VkJ

Tools Needed:  Estimated Install Time (Actual time
5mm Hex Wrench (Allen wrench)      may vary):
Anti-Seize   15 minutes – 25 minutes
10 mm socket and ratchet
Torque wrench (in-lb) Nm

Parts Checklist
☐ 1 Heat shield (Black Powder Coat, Thermal Insulation Tape pre-installed)
☐ 1 Thermal Insulation Blanket (Attached to Heat shield)
☐ 1 Heat shield Driver Side Bolt (M6x100) [3 15/16”] [Shorter Bolt]
☐ 1 Heat shield Passenger Side Bolt (M6x110) [4 5/16”] [Longer Bolt]
☐ 1 Aluminum Spacer Driver Side [3 3/8”] [Shorter Bolt]
☐ 1 Aluminum Spacer Passenger Side [3 7/8”] [Longer Bolt]
☐ 2 M6 Flat Washers
CAUTION-
FOR YOUR SAFETY INSTALL THIS PRODUCT ONLY WHEN THE ENGINE IS COLD. THIS WILL PREVENT BURNING YOURSELF AND PREVENT THE HOLES IN THE ALUMINUM FROM STRIPPING OR CROSS THREADING.

DO NOT REMOVE THE FACTORY HEAT SHIELD

1. Remove the (2) 6 mm bolts circled in RED. Use a 10mm socket and ratchet.

2. Before putting the heat shield into place, identify the threaded holes used for attachment (circled in red):

Figure 1-N18B16MO Engine (2011-2013)

Figure 2-NN14B16A Engine (2007-2010)
3. Install the bolts with washers through the top of the heat shield. Slide the appropriate aluminum spacer onto its respective bolt from the underside. **NOTE:** The attachment hardware is not identical in length. One bolt is slightly longer than the other. The longer bolt goes on the passenger side of the heat shield while the shorter bolt attaches to the driver's side.

4. If available, place a small amount of high temperature anti-seize or copper slip on the threads of the bolts.

5. Holding the tops of the bolts with your thumbs, the spacers between your 3rd and 4th fingers and the heat shield captured in between, install the heat shield over the turbocharger and align the bolts into the attachment holes on the engine. You will be able to see these holes from the sides of the heat shield. Once it is in place screw the bolts into the attachment holes until they are hand tight. **Be careful not to cross thread the holes!**

6. After everything is aligned and hand tight, torque the 2 bolts to 30 in-lb (3.4 Nm)

If you have any questions or concerns, don’t hesitate to call our office Monday – Friday, 9am—4pm EST or e-mail us techsupport@m7tuning.com.

*Enjoy the Ride,*

*Team M7*