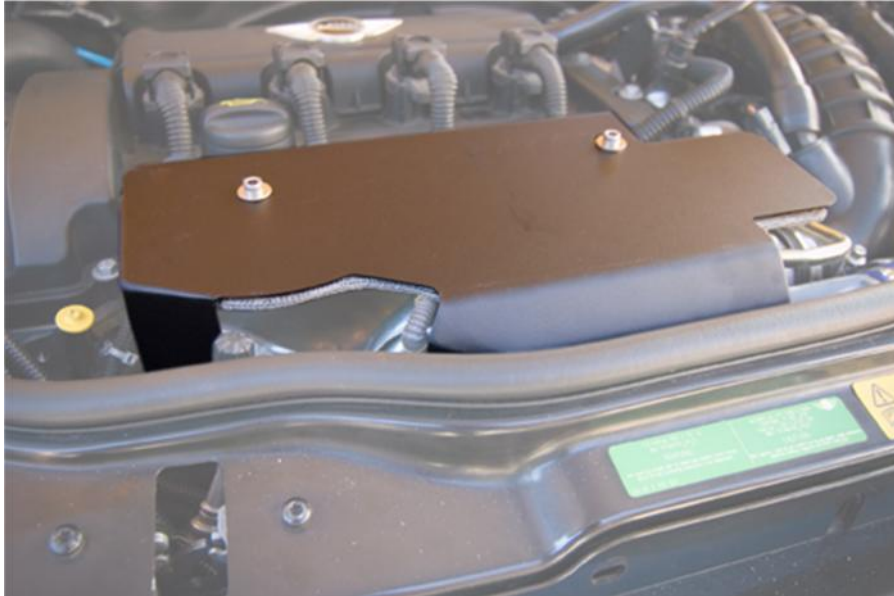


## M7 Thermal Insulation Turbo Heatshield Installation Guide



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

YouTube.com Installation video [www.youtube.com/m7tuning](http://www.youtube.com/m7tuning)

<http://www.youtube.com/watch?v=ykTrMvud6r4&feature=c4-overview&list=UUNVcb5rlgxTQl8KAwfP3Vka>

### Tools Needed:

5mm Hex Wrench (Allen wrench)  
Anti-Seize  
10 mm socket and ratchet  
Torque wrench (in-lb) Nm

### Estimated Install Time (*Actual time may vary*):

15 minutes – 25 minutes

### 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

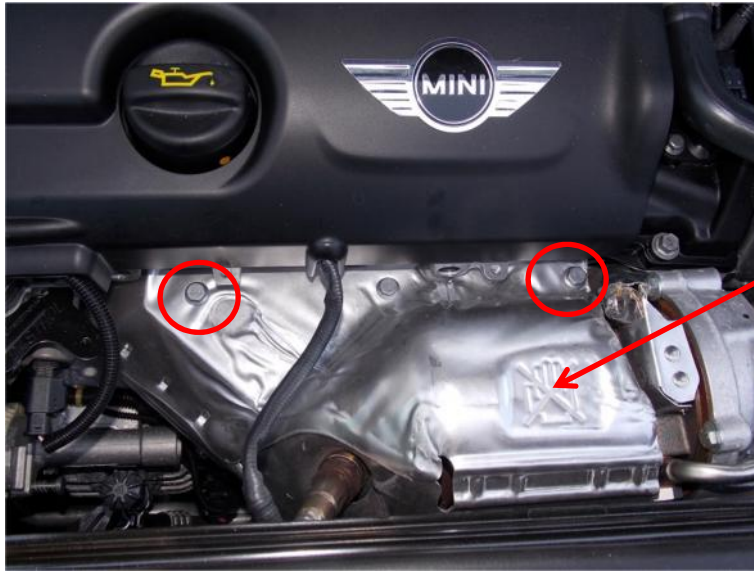


**CAUTION-**  
**FOR YOUR SAFETY INSTALL THIS PRODUCT ONLY WHEN THE ENGINE IS COLD. THIS WILL PREVENT BURNING YOURSELF AND PREVENT THE HOLES IN THE ALUMINUM FROM STRIPPING OR CROSS THREADING.**



**DO NOT REMOVE THE FACTORY HEAT SHIELD**

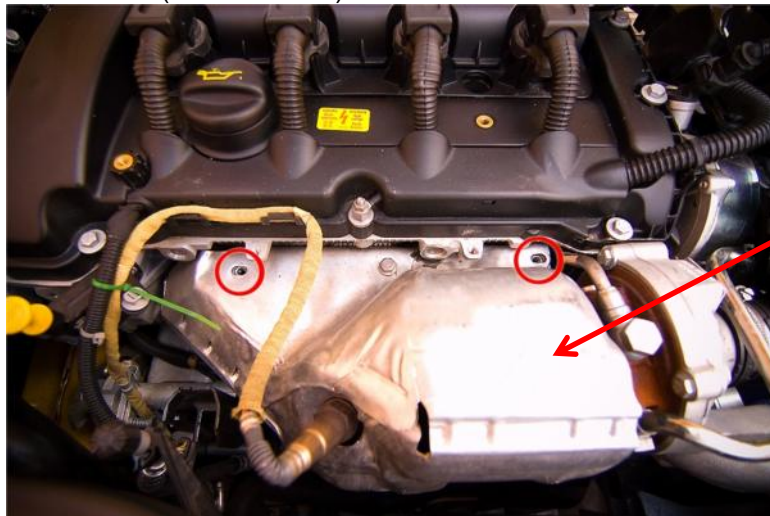
1. Remove the (2) 6 mm bolts circled in RED. Use a 10mm socket and ratchet.



**FACTORY HEAT SHIELD-DO NOT REMOVE!**

**Figure 1-N18B16MO Engine (2011-2013)**

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



**FACTORY HEAT SHIELD-DO NOT REMOVE!**

**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.**



**Figure 3-Hardware Kit**

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 3<sup>rd</sup> and 4<sup>th</sup> 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)



**Figure 4-Installed on N14B16A Engine**

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](mailto:techsupport@m7tuning.com).

*Enjoy the Ride,  
Team M7*