

**M7 Thermal Insulated Turbo Heatshield**  
**PN 56-330115**  
**Installation Guide**



**Tools/Supplies Needed:**

- 10 mm socket and ratchet
- Torque wrench (in-lb) Nm
- Anti-Seize

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

- 15 minutes – 25 minutes

**Skill Level**

- Easy

**Parts Checklist**

1 Heat shield Assembly

Hardware Kit (90-1077)

- 2 Heat shield Bolts (M6-1.0x70mm)
- 2 Aluminum Spacer
- 2 M6 Flat Washers



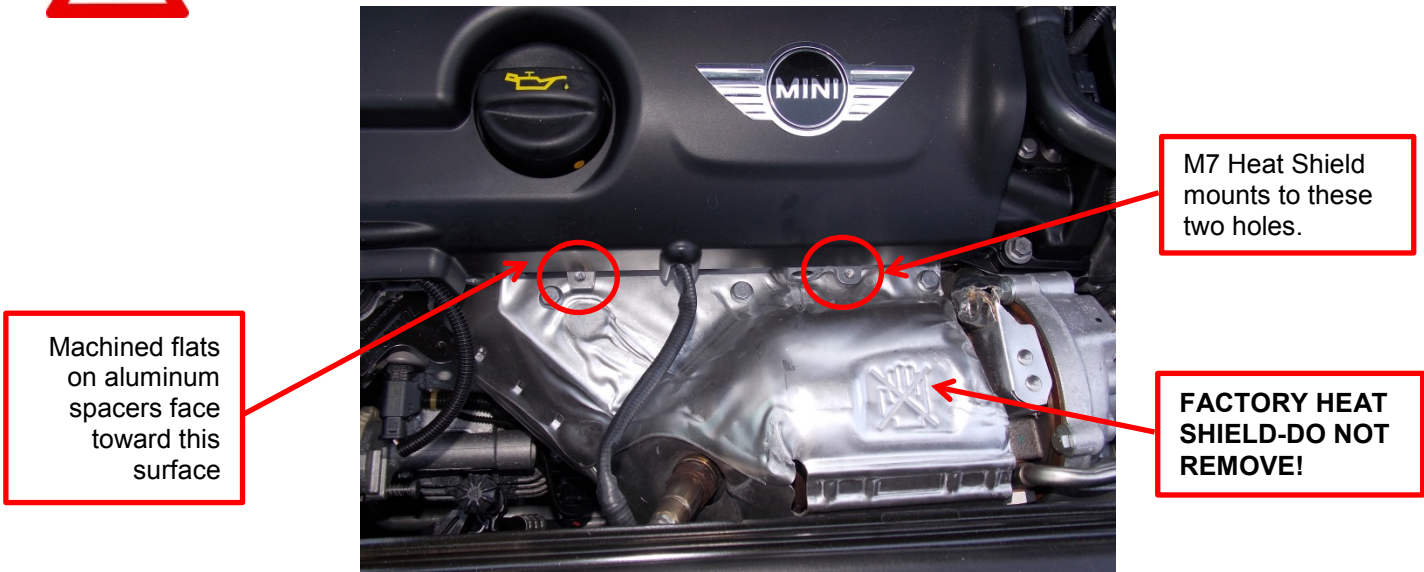
**Figure 1: 90-1077 Hardware Kit**



**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**



**Figure 1-N18B16MO Engine (2011-2013 R55-R59) (2011-2016 R60/R61)**

1. Before installing the M7 Turbo Heat Shield, identify the threaded holes used for attachment (circled in red) above.
2. Install the bolts with washers through the top of the heat shield. Slide the aluminum spacer onto its respective bolt from the underside.  
**NOTE: The machined flat surface of each spacer should face towards the engine and cam cover.**
3. Place a small amount of high temperature anti-seize or copper slip on the threads of the bolts.
4. Holding the tops of the bolts with your thumbs, the spacers between your 2<sup>nd</sup> and 3<sup>rd</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 (Cylinder Head). 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. Use caution not to cross thread the tapped holes in the cylinder head.

5. After everything is aligned and hand tight, torque the two bolts to 20 in-lb (2.3 Nm)  
 Enjoy the ride & stay M7 Tuned.....

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).