

SETES B58 Ignition Coil Conversion kit installation guide for N55/S55 engines

1. Disconnect battery
2. Follow service manual instructions for removing the following
 - Engine cover
 - Carbon brace (s55 only)
 - Intake Filter Box passenger side and inlet pipe to rear turbo (s55 specific)
 - Turbo inlet Pipe (crossing over valve cover N55 e chassis only)
 - Cowl and cross member brace (above firewall to get access to cylinder 6)
 - Chargepipes (s55 only)
 - Stock ignition coils
 - Plastic ignition wiring cover to make room for for coils and wires (Picture below)



3. See the below pictures how it should look like before installing the SETES coil bracket. First picture is for N55 F-series and S55 engines. Second picture is for N55 e-series. There's a difference for injector hold down bracket.



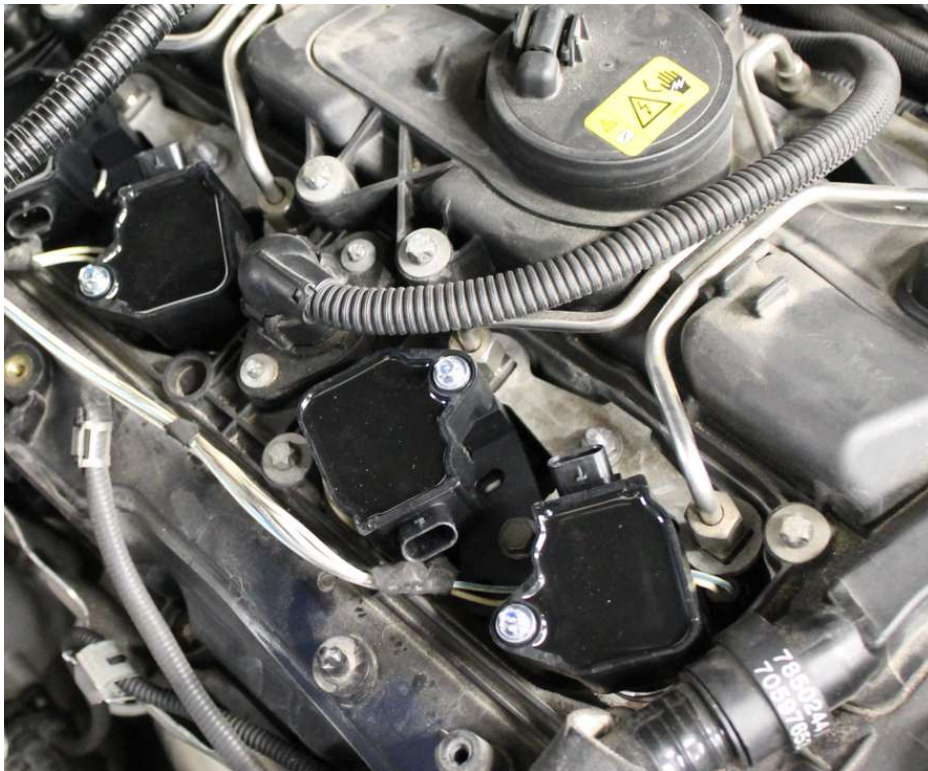
Picture for E series here

4. Now install the The SETES coil bracket in place and loosely tighten the bolt to secure the bracket. Be sure to align it carefully so that those holes in the bracket align with the casting tabs. Tighten the bracket bolt to 13 nm.



5. Install B58 coils at this point. Hand tighten the torx screws. It might easier to use E8 socket with extension to get coil bolt threaded (DON't USE FORCE). Tighten to 8 nm.

[Picture here](#)



6. Attach SETES Plug and Play wiring adapters to Factory harness and then the other end to B58 coils.
7. Position the two connectors in between the coils carefully without overstretching the wiring. If they don't fit in between the coils, try to find a suitable spot for them to sit nicely without causing too much strain on the wires.



8. Some Vehicles require modification to lambda sensors hold down bracket to make it fit with the bigger b58 coils. Cut a slight piece off from the bracket as shown in the pictures below.
Pics will be inserted later
9. Follow service manual instructions for reinstalling
 - Engine cover
 - Cowl and cross member brace
 - Carbon brace (S55 only)
 - Charge pipes (S55 only)
 - Turbo inlet pipe (crossing over valve cover N55 e-series only)
 - Inlet Pipe to rear turbo and Intake filter box (S55 only)
10. Flashing is not required to use B58 coils but it is recommended to get the most out of the B58 coil upgrade.