

TREX PERFORMANCE D585 IGNITION COIL UPGRADE KIT FOR THE RX-8(ALL YEARS)

Tools required: Ratchet (3/8" and 1/4" drive)
10mm Socket (1/4" drive)
6" Extension (1/4" drive)
3" Extension (1/4" drive)
14mm Socket (3/8" drive)
3" Extension (3/8" drive)

Note: The clearance for the new wires and coils is limited and will not allow for installation of wires if they are removed before mounting the TREX Performance D585 Ignition Coil Upgrade Kit. Make sure to not remove the wires from the kit. If you feel the need to remove them, please reinstall them before mounting the kit. The wires will double click when properly installed, if they do not double click remove and try again.

- 1.) Remove the strut tower brace. Using the 3/8" ratchet, 3" extension, and 14mm socket, remove the four nuts that hold the strut tower brace to the strut brace. Put strut tower brace to the side.
- 2.) Remove air intake. Using the 1/4" ratchet, 6" extension, and 10mm socket, loosen the bolt on the worm style hose clamp on the throttle body. Unplug the connector and vacuum line for VFAD solenoid. Unplug the MAF sensor. Now, grab the intake accordion tube near the loosened hose clamp and pull towards the front of the car. Once the tube clears the throttle body, lift the tube up. The air box will hinge up and then lift freely out of engine bay. Set air box assembly to the side.
- 3.) Unplug both ends of OEM spark plug wires. Set spark plug wires to the side.
- 4.) The OEM ignition coil bracket is held on by three 10mm bolts that can be difficult to get to with a 3/8" ratchet and socket. Using the 1/4" ratchet, 3" extension, and 10mm socket, remove the (2) 10mm bolts near the A/C compressor. Once the (2) 10mm bolts are removed, add the 6" extension and remove the (1) 10mm bolt on top of the engine holding the bracket down. Remove the coils and bracket and set them to the side.
- 5.) Place the TREX Performance D585 Ignition Coil Upgrade Kit in place of the OEM bracket.
- 6.) Using the 1/4" ratchet, 3" extension, and 10mm socket, replace the (3) 10mm bolts back into their respective locations and tighten down. Be careful not to tighten too tight as the bolt will shear off.
- 7.) Attach spark plug wires to spark plugs using Figure 1. Making sure they click onto the spark plug. A long 3/8" drive extension can be used (ratchet side on boot) to push the spark plug wire in. Pull on boot to make sure it is secure.
- 8.) Reinstall air intake, making sure the vacuum line and connectors are reconnected. Tighten the bolt on the hose clamp on the throttle body.
- 9.) Reinstall strut tower brace.

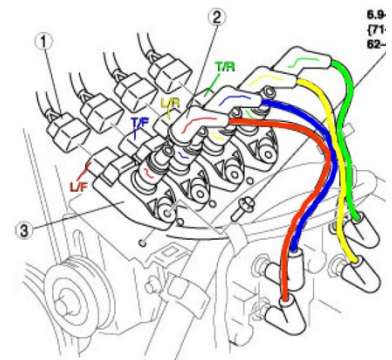


Figure 1.