

WRX_{TRA}

Intercooler Removal and Installation Instructions

IMPORTANT: Read these instructions completely before beginning.

1. Introduction

These instructions will guide you through the removal and installation of the factory Subaru Impreza WRX intercooler. These instructions are believed to be accurate, but the reader uses them at their own risk. WRXtra is not responsible for damage to the reader's vehicle as a result of using these directions.

2. Tools Required

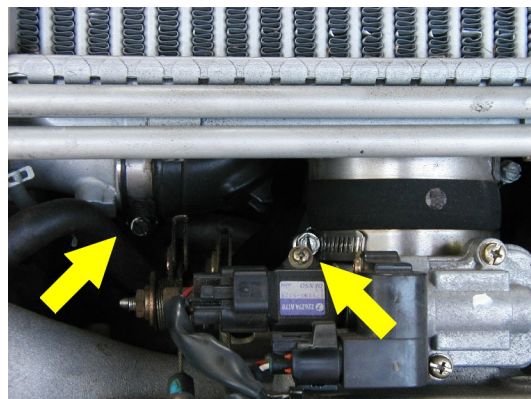
12 mm Wrench or 12 mm Socket With Extension
Blade Screwdriver or 8 mm Nut Driver

3. Removal

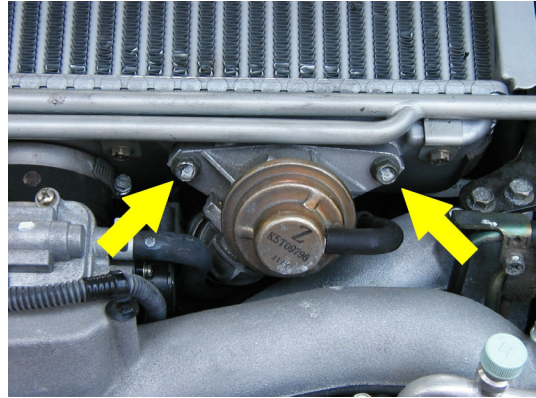
1. Remove the 3 rubber hoses from the intercooler by pulling them off the metal tubes.



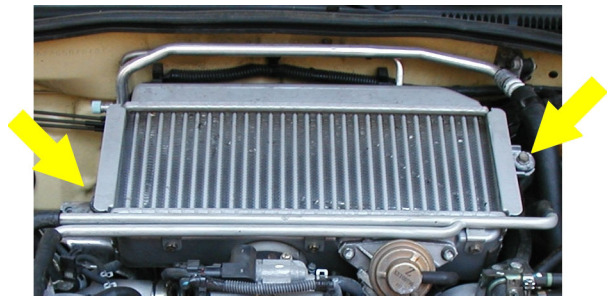
2. Loosen the hose clamp on the intake side of the intercooler-to-intake hose.
3. Loosen the hose clamp on the turbo side of the turbo-to-intercooler hose.



4. Remove the (2) 12 mm bolts holding the blowoff valve (BOV) to the intercooler and set them aside. Leave the BOV hoses attached.



5. Remove the (2) 12 mm bolts holding the intercooler to the mounting brackets and set them aside.



6. Standing on the driver's side of the vehicle, grasp the intercooler firmly and move it towards the back of the vehicle to remove the intercooler-to-intake hose from the intake, and then towards the drivers side of the vehicle to remove the turbo-to-intercooler hose from the turbo.
7. Lift the intercooler up and out of the vehicle.

4. Installation

Refer to pictures in section 3 for reference.

1. Position the intercooler over the mounting brackets.
2. Place the turbo-to-intercooler hose over the end of the turbo. It does not have to go completely on at this point.
3. Move the intercooler towards the passenger side of the vehicle and slide the intercooler-to-intake hose over the intake.
4. Using the molded hook for leverage, slide the turbo-to-intercooler hose completely onto the turbo and tighten the hose clamp.

5. Tighten the intercooler-to-intake hose clamp, making sure it is seated evenly around the hose.
6. Install the (2) 12 mm bolts that hold the intercooler to the brackets. Tighten bolts until resistance is felt. Do not over-tighten.
7. Install the BOV with the (2) 12 mm bolts removed in step 4 of section 3.
8. Install the 3 rubber hoses removed in step 1 of section 3 by pushing them over the metal tubes.
9. Re-check all hose clamps and bolts for tightness.

This document is available online at <http://www.wrxta.com> in the Documentation section.

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