

G GTURBO®

TWIN FAN KIT

TOYOTA VDJ200 LANDCRUISER



Installation Guide

Version 1.1 (2025)





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INTRODUCTION

Welcome to your VDJ200 series upgrade.

We're thrilled you've chosen us to enhance your ride. Our passion for innovation and quality is reflected in every product we create for the VDJ200 platform and beyond.

This guide is your go-to for a smooth, easy installation. It's packed with clear steps and expert tips to help you every step of the way.

Got questions or feedback? Don't hesitate to reach out—we're always here to help! Our contact details are provided on the last page of this document.

We wish you all the best in your upgrade journey.

The Gturbo team





PREPARATION

TOOLS

- Phillips head screwdriver
- 10mm Socket (1/4)
- 1/4 inch ratchet
- Side cut pliers
- Lighter
- Crimp pliers

PARTS

- 3 x 6mm eyelets
- 4 x cable ties
- Heat shrink



SAFETY MEASURES AND CONSIDERATIONS

Please read the following safety precautions and considerations carefully before commencing installation.



WARNING: FAILURE TO FOLLOW THESE INSTRUCTIONS MAY RESULT IN DAMAGE TO THE PRODUCT OR VEHICLE'S ELECTRICAL SYSTEM. INCORRECT WIRING OR INSTALLATION CAN CAUSE FAULTS

ELECTRICAL SAFETY

1. Always disconnect the negative battery terminal before working on the vehicle's electrical system.
2. All wiring must be fused and insulated. Never bypass the supplied fuse link.
3. Use only the ENG-IG2 NO.1 fuse location in the VDJ200 fuse box as specified. Installing elsewhere may cause faults or interfere with other critical systems.

FUSE BOX & POWER SUPPLY

1. Confirm the fuse link is seated correctly in the ENG-IG2 NO.1 slot before powering on the vehicle.
2. Do not overload the circuit. Check the current draw of any additional accessories connected to the same circuit.
3. When wiring (positive/negative), ensure correct polarity. Reversed polarity can damage the fans and controller.

FITMENT & ROUTING

1. Mount the fan shroud securely to prevent vibration or contact with the intercooler core.
2. Route wiring away from moving parts (fan belts, pulleys) and high-heat areas.
3. Use cable ties to keep the harness neat and protected from abrasion.
4. Ensure no wiring is pinched under covers or brackets when reassembling.

FAN OPERATION

1. The fans are designed to assist intercooler airflow during low-speed or high-load conditions; they are not a substitute for proper engine cooling system maintenance.
2. If the fans do not start after reaching the set temperature, disconnect the power and re-check the wiring before further operation.

GENERAL CONSIDERATIONS

1. This kit is intended for use with the factory VDJ200 intercooler only, unless otherwise specified by GTurbo.
2. Periodically check that the fan blades spin freely and are not obstructed by debris or mud.
3. Re-check all fasteners and wiring ties after off-road use, as vibration can loosen components over time.
4. Do not pressure-wash the fan motors directly; water ingress can shorten their service life.

INSTRUCTIONS

STEP 1

A

Remove all (4) 10mm bolts from intercooler shroud

then

remove the shroud

B



C

Remove negative terminal on battery

Negative terminal is marked “-” or “neg”



STEP 2

A

Unbox your GTurbo twin fan kit

B

Remove the wiring harness from box

STEP 3**A**

Position the fan kit on top of the intercooler with the controller on the passenger side.

**B**

Route the temperature probe harness across the intercooler end tank, then guide it from the passenger side to the driver's side and back toward the firewall



C

Install the temperature prob in the corner of the intercooler (on the driver's side toward the firewall)



STEP 4

A

Apply a small amount of Loctite to each bolt tip.

then

B

Install all (4) 10 mm bolts in each corner of shroud



STEP 5**A**

Remove the fuse box lid.

On the left side of the fuse box, you'll find an access path for wiring.

**B**

Unclip and open the fuse box wire holder

This is where you'll run the yellow switching wire (wrapped in black woven conduit) in step 7

**C**

Now that the fan kit is mounted to the intercooler, route the power and switch harness



STEP 6

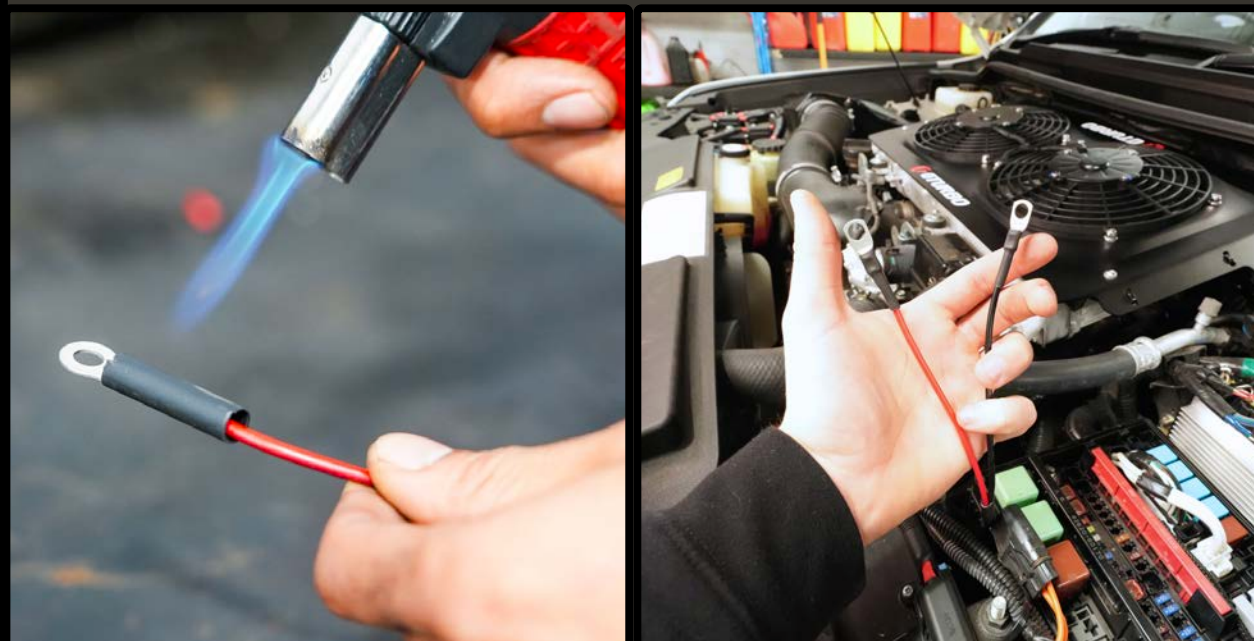
A

Crimp both 8 mm eyelets to the red and black wires



B

Heat shrink both eyelets to produce what's shown



STEP 7

A

Run the black and red wires to the battery



B

Cable tie any loose wires



C

Route the yellow switching wire through the wire holder, close it, and clip the holder back in place.

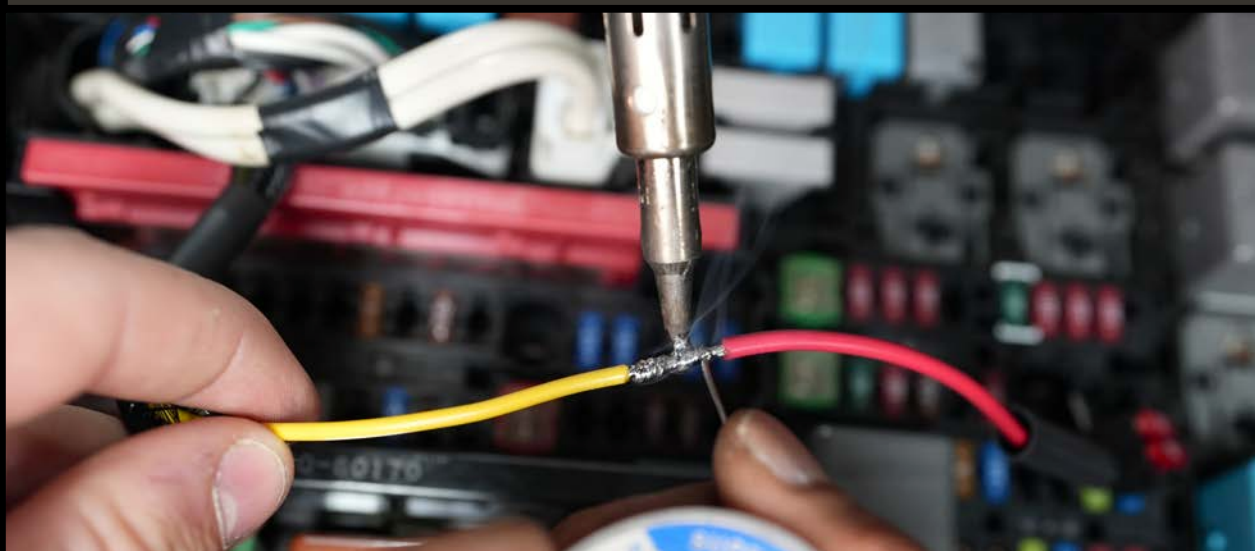


STEP 8**A**

Connect the fuseable link to the yellow switching wire by twisting the two wires together

**B**

Solder the wires together.

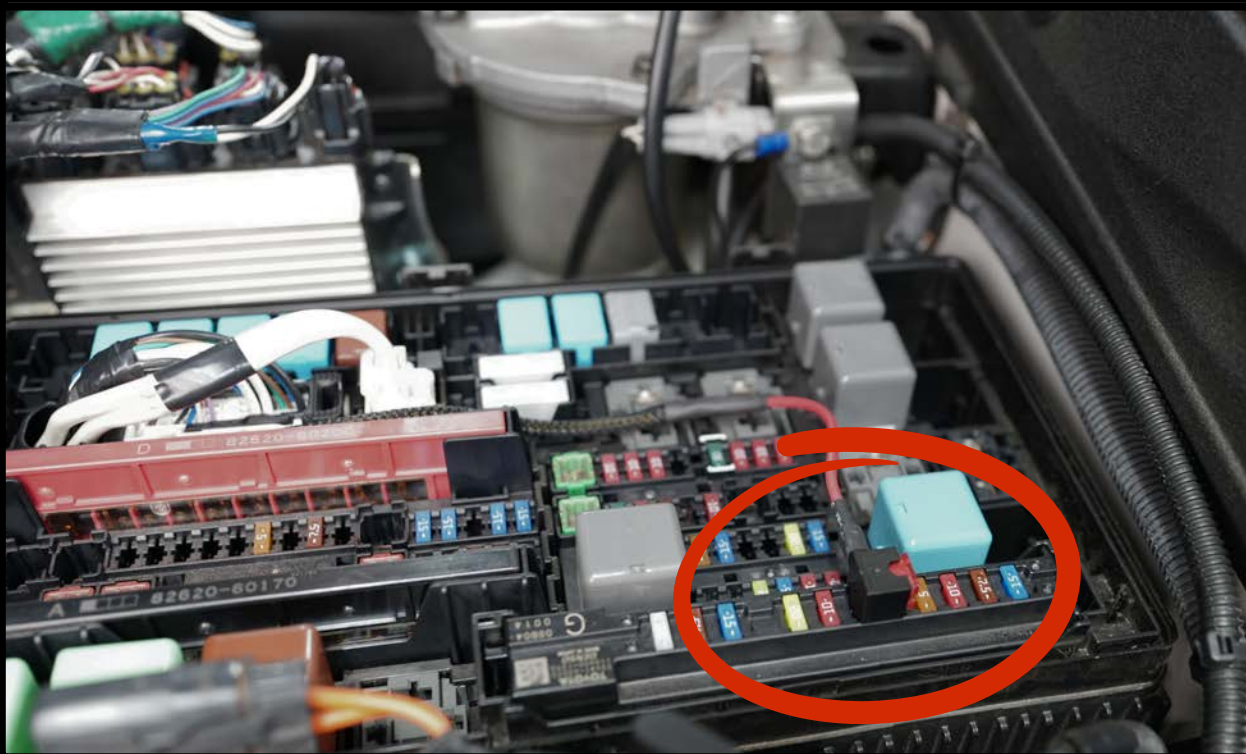


Use heat shrink to protect the join





Install the fuse link into the ENG-IG2 NO.1



STEP 9**A**

Reinstall the Fuse box lid

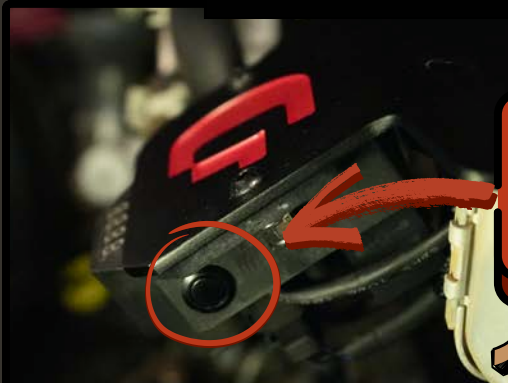
**B**

Plug the power/switching harness to controller



STEP 10**A**

Set temperature to
40-45 degrees (celcius)

**Controller Operation**

**To adjust the temp module, use
your finger to access the small
button on the controller**



- 1 Press once to display the current set temperature.
- 2 Press repeatedly to increase the temperature.
- 3 When the desired temperature is reached, stop pressing. Temperature will remain at that setting.



INSTALLATION COMPLETE

Great work! You're now equipped with a performance-driven cooling solution designed to support your engine under the toughest conditions.

WHAT'S NEXT?

- Double-check all fittings, wiring, and connections
- Start the engine and confirm fan operation
- Listen for unusual noises and inspect for clearance issues
- Take it for a short test drive and monitor temps



After the first few drives, re-check all mounting points and connections to ensure nothing has shifted during bedding-in.



CONTACT US

We're here to help you get the most out of your diesel performance. Whether you have questions about our products, need advice on the right upgrade, or want to book a tune, the GTurbo team is ready to assist.

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PERFORMANCE BY DESIGN

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