

Anvil Moto Radiator Fan Bracket Installation – Triumph Scrambler 1200 XE

Tools & Materials Needed

- ☐ 8mm, 10mm, 13mm, and 14mm socket or wrench
 - ☐ 4mm or 5mm Allen/hex keys
 - ☐ Torque wrench (recommended)
 - ☐ Long angled needle nose pliers (recommended)
 - ☐ Blue thread locker (e.g., Loctite 243)
 - ☐ Zip ties or cable clips (for wire management)
 - ☐ Soft cloth or towel (to protect radiator fins)
-

Safety Precautions

- ☐ Ensure the motorcycle is cool before starting.
 - ☐ Disconnect the battery to avoid short circuits or accidental fan activation.
 - ☐ Stabilize the motorcycle securely on a stand.
-

Installation Steps

1. Remove the Skid Plate

The skid plate must be removed to access the right engine cradle and radiator area.

- ☐ Use an 8mm socket or Allen key to remove the four bolts holding the aluminum skid plate to the lower frame rails:
 - Two bolts at the front (underneath the radiator)
 - Two bolts toward the rear (under the engine)
 - ☐ If your Scrambler has an aftermarket or Triumph heavy-duty skid plate, you may also need a 10mm or 13mm socket depending on the hardware used.
 - ☐ Support the skid plate while removing the final bolt to avoid it falling and damaging surrounding components.
 - ☐ Set the plate and bolts aside.
-

2. Remove Radiator Shrouds (if applicable)

- ☐ Use the appropriate Allen key to remove any plastic or metal radiator covers.
 - ☐ Set fasteners aside for reinstallation.
-

3. Remove the Right Engine Cradle (if needed for clearance)

- ☐ Locate the right engine cradle (the lower side frame rail).
- ☐ Using a 13mm or 14mm socket, remove the four main cradle mounting bolts:
 - ☐ One at the upper front of the frame.
 - ☐ One at the rear of the cradle, near the footpeg bracket.
 - ☐ Two behind the exhaust header.
- ☐ Carefully slide the cradle out. You may need to wiggle or pivot it.
- ☐ Tip: Stuff a cloth behind the radiator to catch any dropped hardware.

4. Access the Radiator Fan Bracket

- ☐ Loosen radiator mounting bolts to allow slight movement.
- ☐ Do not disconnect coolant hoses unless absolutely necessary.

5. Remove the Existing Fan Bracket

- ☐ Unbolt the OEM fan and bracket from the radiator.
- ☐ Inspect the fan for damage.
- ☐ Clean the mounting points.

6. Install the Anvil Moto Bracket

- ☐ Align the Anvil Moto bracket with the radiator core.
- ☐ Use OEM M6 bolts and crush washers .
- ☐ Apply blue thread locker and torque to spec if available.

7. Mount the Fan to the New Bracket

- ☐ Secure the fan using provided M6x1 316 stainless steel bolts, grade 8 washers, and nylon nuts. See included diagram for wire and fan placement.
 - ☐ Confirm airflow is directed through the radiator toward the engine.
-

8. Reconnect Fan Wiring

- ☐ Plug the fan into the factory connector.
 - ☐ Use zip ties to keep wiring clear of heat or moving parts.
-

9. Reinstall Radiator Shrouds

- ☐ Replace guards or covers.
 - ☐ Ensure wires are not pinched.
-

10. Reinstall the Right Engine Cradle

- ☐ Position the cradle assembly to the frame, ensure the lower mounting of the radiator is attached to the cradle assembly.
- ☐ Fit the nut and bolt securing the cradle assembly to the headstock, do not fully tighten at this stage.
- ☐ Fit the engine mounting brackets to the cradles with two bolts, do not tighten at this stage.
- ☐ Fit the crankcase front mounting nut, bolt and spacer, do not fully tighten at this stage.
- ☐ Fit the cradle assembly rear mounting bolt and nut, do not fully tighten at this stage.
- ☐ Fit the nut and bolt to secure the exhaust intermediate pipe to the cradle assembly. Do not fully tighten at this stage.

When tightening the cradle assembly mounting bolts and nuts, hold the nut and torque the bolt.*

- ☐ Tighten the cradle assembly to headstock bolt to 40Nm.
- ☐ Tighten the cradle assembly rear mounting bolt to 40Nm.
- ☐ Tighten the engine mounting bracket bolts to 25Nm.
- ☐ Tighten cradle assembly to crankcase bolt to 105Nm.
- ☐ Ensure wiring and hoses are not pinched.

11. Reinstall the Skid Plate

- ☐ Align the skid plate with the mounting points.
- ☐ Reinstall all four bolts and torque them evenly.
- ☐ Apply thread locker if needed, especially if riding off-road.

12. Reconnect the Battery

- ☐ After confirming all parts are secure, reconnect the battery.

Final Checks

- ☐ Start the bike and let it warm up to operating temp.
- ☐ Verify fan operation (no odd sounds or vibrations).
- ☐ Check all bolts and wiring again.

For more information or to purchase the Anvil Moto Radiator Fan Bracket:

<https://anvilmoto.com/products/ols/products/1200-xe-radiator-fan-bracket>

Disclaimer

Important: The installation of this product requires mechanical skill and should be performed by a qualified individual or professional mechanic. By using this product, you acknowledge and agree to the following:

Anvil Moto is not responsible for any damage, injury, or loss caused by improper installation, misuse, or failure to follow these instructions. The user assumes all risk and liability associated with the installation and use of this product.

Always follow your motorcycle manufacturer's specifications and safety procedures. If you are unsure about any part of the installation process, consult a licensed technician.