

# Stoney Racing Universal Radiator Fan Fitting Instructions

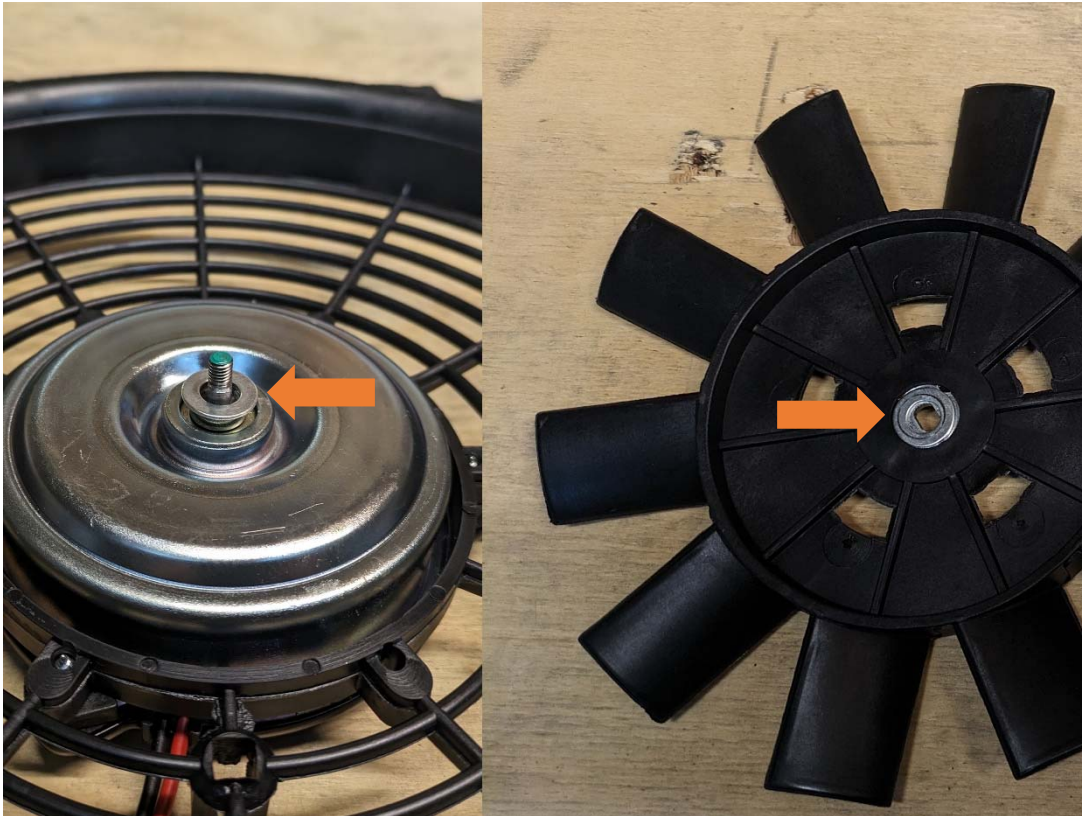
- 1) Determine if you need a Pull or Push type. If you are mounting the fan on the rear (engine side) of the radiator, you need a Pull type. If you are mounting the fan on the front (bumper side) of the radiator you need a Push type.
- 2) Our fans all come assembled as Pull type by default. If you are using it as a Pull type, skip to step **8**, if using a Push type, continue to step **3**.
- 3) To use the fan as a Push type you need to flip the blade from the default orientation. Start by removing the fan blade retaining nut:



- 4) With the nut removed pull the blade from the motor spindle, taking note of the orientation:



- 5) Depending on the size of your fan there may be one or more washers on the motor spindle, either below the fan blade (with the open face of the fan upwards) or nestled in the central metal mounting circle of the fan blade. This will either be a single thick washer, or several thin washers. Remove these washer(s) if any are present, but leave any cylinder spacers on the motor spindle.



- 6) Re-fit the fan blade in the opposite orientation to default, referring to the list below to find the correct new position for the washer(s) for your fan size:
- 8"** – Place the fan blade onto the spindle, followed by the single thick washer
  - 10"** – Place the single thick washer onto the spindle, followed by the fan blade
  - 12"** – Place the fan blade onto the spindle, followed by the thin spacer washers
  - 14"** – Place the fan blade onto the spindle, there are no washers for this size
  - 16"** – Place the fan blade onto the spindle, followed by the thin spacer washers
- 7) Finally replace the retaining nut. We strongly recommend using a thread-locking fluid to prevent the nut from working loose under vibration. Your fan is now ready to use as a Push type.
- 8) Mount the fan, using the supplied plastic small L-brackets, or the mounting holes in the shroud of the fan. Mounting options and requirements will vary from vehicle to vehicle, but we can supply a stainless steel mounting kit to secure the fan through the radiator core (part number SRU-SSFFKIT).
- 9) Once the fan is mounted it is now ready for wiring. This again will vary significantly from vehicle-to-vehicle, and if you are not experienced in vehicle wiring we recommend seeking the assistance of an auto electrician.

The fan motor is reversible. For a Pull type fan, the **red** wire should be used as the live wire. For a Push type the **black** wire should be used as live, after following steps 3-7 to flip the blade. See the reference on the next page for photos of the correct orientation for each type.

**Note:** In all cases a high-current component like a fan should be wired using a relay to protect your vehicles wiring loom.



## Pull / Push Reference

**8" Pull Type**



**8" Push Type**



**10" Pull Type**



**10" Push Type**





**12" Pull Type**



**12" Push Type**



**14" Pull Type**



**14" Push Type**





**16" Pull Type**



**16" Push Type**

