

June 4, 2024

Technical Service Bulletin – 04

Mustang Dark Horse R Engine Cooling - Fan Shroud

Issue: Some Mustang Dark Horse R's have experienced high engine coolant temperatures on track.

Action: Follow the procedure to modify the fan shroud.

Equipment needed:

- 1) Drill
- 2) Hole Saw Bits in the following sizes:
1", 1.38", 1.50" 1.75", 2.25"

Procedure:

- Remove both LH and RH air cleaners.
- Disconnect the fan and remove fan module from the vehicle.
- Remove 3 flaps shown below from the lower fan shroud.
- Use a drill and hole saw bits to remove material from the flat surfaces of the fan shroud as shown. Maximum allowed holes sizes are shown below. Do not remove more material from the shroud than shown in figure 1. No additional holes or modifications to the fan and shroud are allowed.



Figure 1: Material removal locations and maximum hole size

- Do not to cut or remove any of the shroud structural ribbing on the shroud or fan support.
- Use compressed air to remove any plastic shavings or debris from the fan module.
- Reinstall the fan module in the vehicle. Torque the bolts shown in figure 2 to 55 in-lbs.

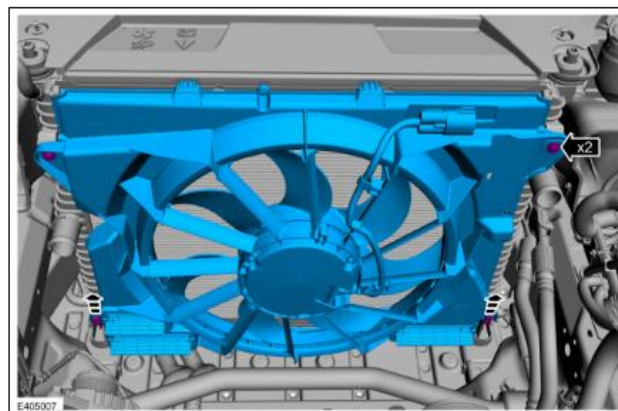


Figure 2: Fan installation

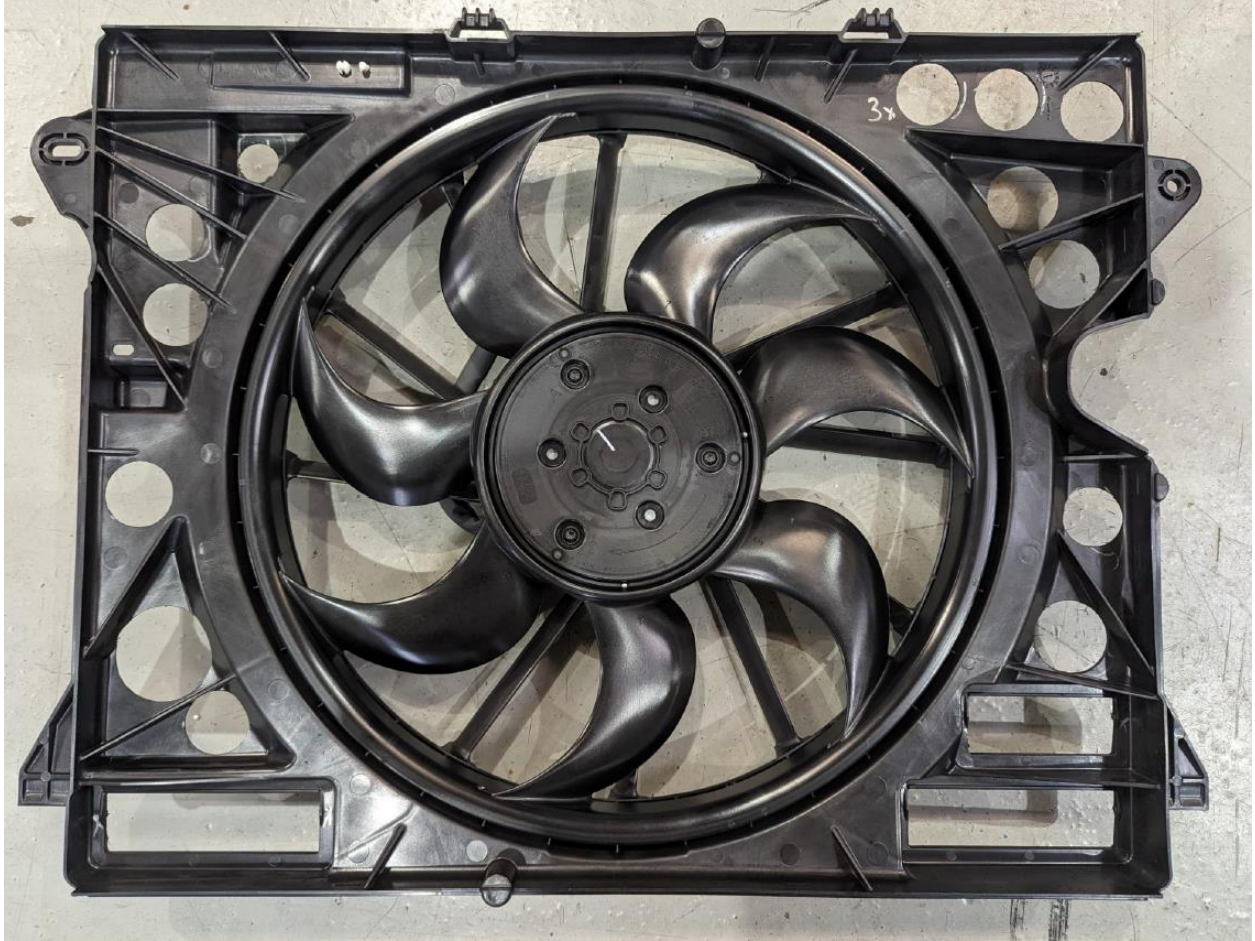


Figure 3: Completed Fan Should modifications.

NO OTHER MODIFICATIONS ARE ALLOWED