



STEEDA

STEEDA LIGHTWEIGHT RADIATOR SUPPORT

For: 2011+ Mustang GT500

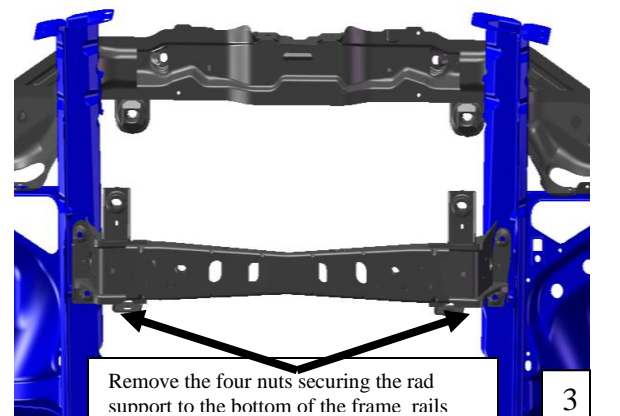
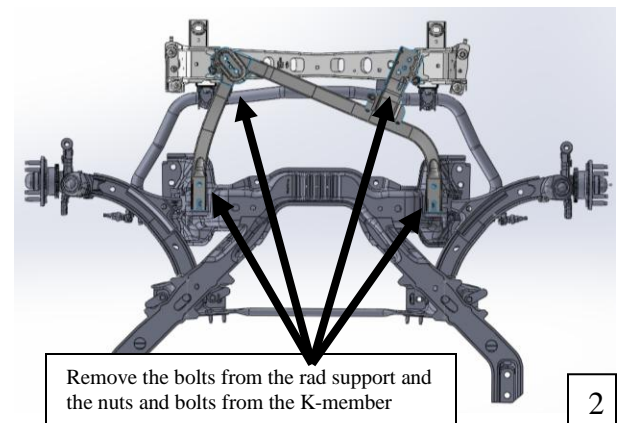
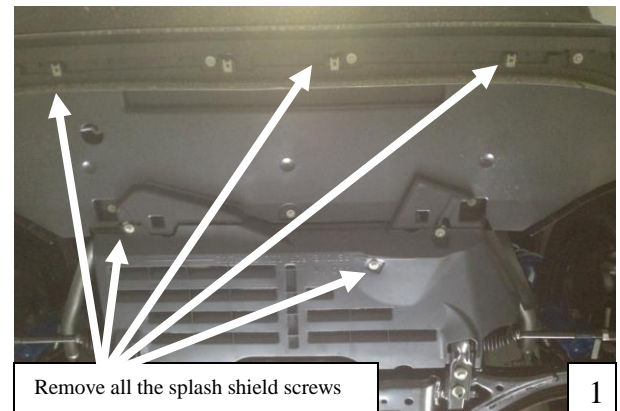
Installation Instructions for #555-5083

- A qualified technician should be used if you are not confident with removing the factory radiator support and swaybar assembly.
- Refer to a service manual for fastener torque specifications.



Removal of the Factory Radiator Support

1. Lift the car, by the chassis, on a vehicle lift, or on jack stands, to work under the front of the vehicle. Use caution operating a lift or jack stands to ensure the car is stable and safe to work around and underneath.
2. Remove the lower splash shield beneath the radiator, under the front of the vehicle. It is secured to the bottom of the fascia/splitter and the radiator support with 7mm and 8mm head screws along its outer perimeter. See figure 1.
3. Remove the three 8mm head screws, beneath the Z-brace, securing the rearmost splash shield. See figure 1. Let it hang down for now.
4. Unbolt the Z-brace from the K-member and the bottom of the radiator support. There are four bolts securing it to the bottom of the radiator support, and also two bolts and two nuts securing it to the bottom of the K-member. See figure 2.
5. Pry out the Christmas tree clip holding the left wheel well liner to the left side of the radiator support.
6. Remove the four nuts securing the swaybar D-bushing brackets to the radiator support. It is not required to remove the D-brackets themselves from the swaybar assembly, or the studs from the radiator support. Slide the swaybar assembly rearward towards the engine, with the endlinks still connected. This will allow for removal of the radiator support.
7. Unclip the right front brake line from the radiator support near the center of the support and also on the inboard side of the right swaybar mount bracket.
8. Place a jack, or jack stand, under the bottom of the radiator itself. Do not apply pressure; it simply needs to prevent the radiator from falling out upon removing the radiator support.
9. Remove the four 18mm head nuts from the chassis studs at the top of the radiator support where it bolts to the chassis, there are two on each side (see figure 3). Lower the radiator support out from under the vehicle.



Assembly of the Steeda Lightweight Radiator Support

10. Transfer the large rubber radiator support grommets from the factory radiator support onto the Steeda radiator support in the same location and orientation.
11. Pry out two of the opaque plastic screw retention clips from the factory radiator support. See figure 4. Transfer the clips into the square holes in the Steeda radiator support as seen in figure 5.
12. Transfer the Christmas tree brake line clips from the factory radiator support to the Steeda radiator support. One clip is to be used in the hole on the top of the main radiator support tube. Transfer the second clip to the appropriate sized hole on the inboard side of the right hand swaybar mount bracket. See figure 6.

Installation of the Steeda Lightweight Radiator Support

13. Place the Steeda radiator support in the same location and orientation in the vehicle as the factory radiator support. See figure 7 for indication of where each part of the Steeda radiator support mates with. Carefully line up the radiator grommets with the dowels on the bottom of the radiator. Also line up the chassis mount studs with the associated holes in the radiator support mount plate (see figure 8).
14. Re-use and tighten the four nuts that were removed securing the factory radiator support to the chassis. Torque to 85ft-lbs.
15. Remove the jack holding the radiator assembly in place.
16. Slide the brake line into the clips. Slight brake line adjustment may be necessary.
 - a. **CHECK** if the brake line has any metal to metal contact anywhere with the radiator support. If so, gently bend the brake line out of the way just enough to prevent contact.
17. If you choose to reuse your swaybar, bolt it to the swaybar brackets on the Steeda radiator support with the four provided 10mm Allen head bolts, washers, and Nylon lock nuts. Torque to 52ft-lbs.
18. If you chose to reuse your Z-brace, reinstall the Z-brace and splash shield to the K-member with the factory hardware (see figure 8). Finish installing the Z-brace by using the supplied 10mm flange-head lock nuts with the four 10mm captured-washer bolts you removed attaching the Z-brace to the factory radiator support.
19. Reinstall the left wheel well liner to the stud on the side of the radiator support. Secure with the provided lock nut and washer.
20. Re-install the lower splash shield. Reuse the factory hardware except for the center mount on the radiator support. Use the provided lock nut and washer for the center mount. The finished assembly should look similar to figure 8.
21. You are done.

