

C&R Racing Supercharger, Coolant & Power Steering Reservoir Set (07-10 GT500)

Required Tools:

3-4 ft. of Hose or Siphon Kit
Drain Bucket/Pan
Funnel
Ratchet and 8mm Socket
Open Ended 8mm Wrench
Pliers
Razor Blade or Utility Knife
Paper Cup
Hand/Shop Towels



Installation Time: 3-4 hours

1. Make sure the car is turned off and is cool down before proceeding with the removal and installation of the C&R Racing Reservoir Set.
2. Set Emergency Brake and block the rear wheels.

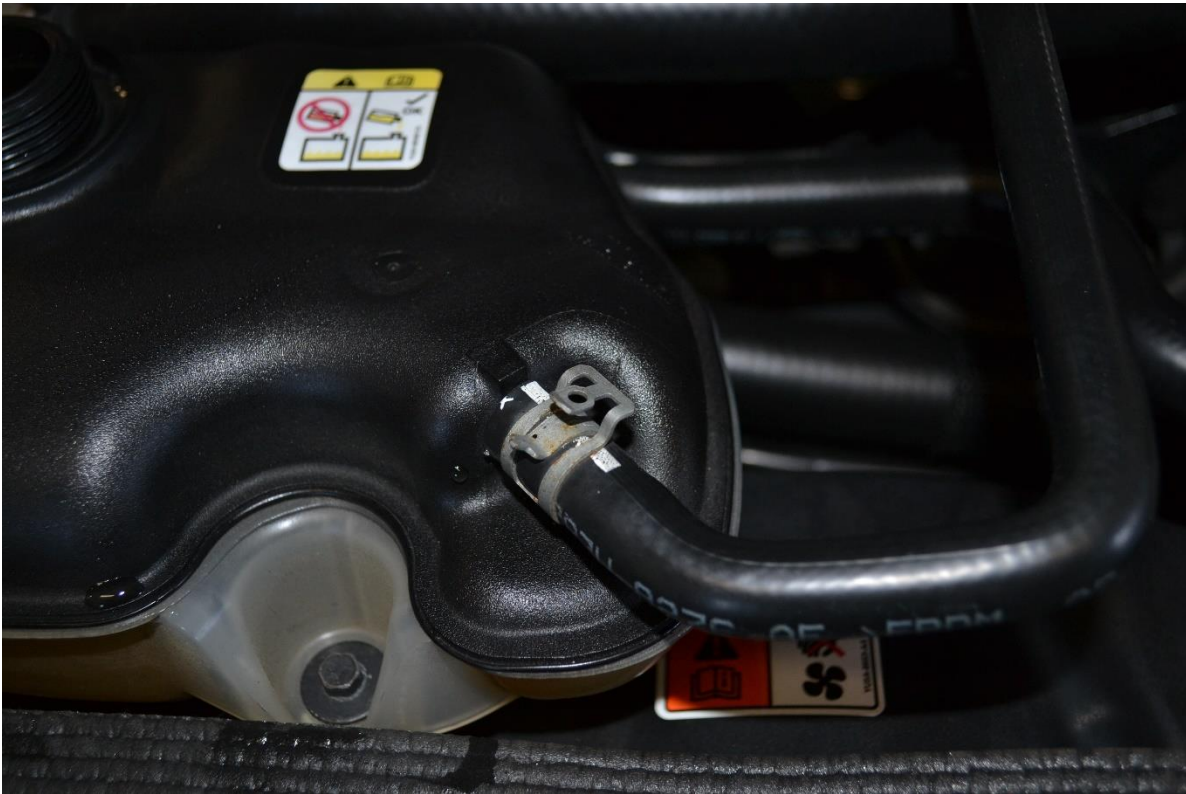
Installation of the C&R Coolant Reservoir.

3. Remove the cap from the factory coolant tank.
4. Start to remove the coolant from the tank



- a) Using a 3-4 feet of hose (or siphon kit) to siphon the coolant out of the tank into a bucket. Siphoning the coolant makes it the cleanest and easiest way to remove it from the tank.

5. With the fluid drained, use a set of pliers to loosen the hose clamp that is located to the right side of the tank and pull the coolant line off



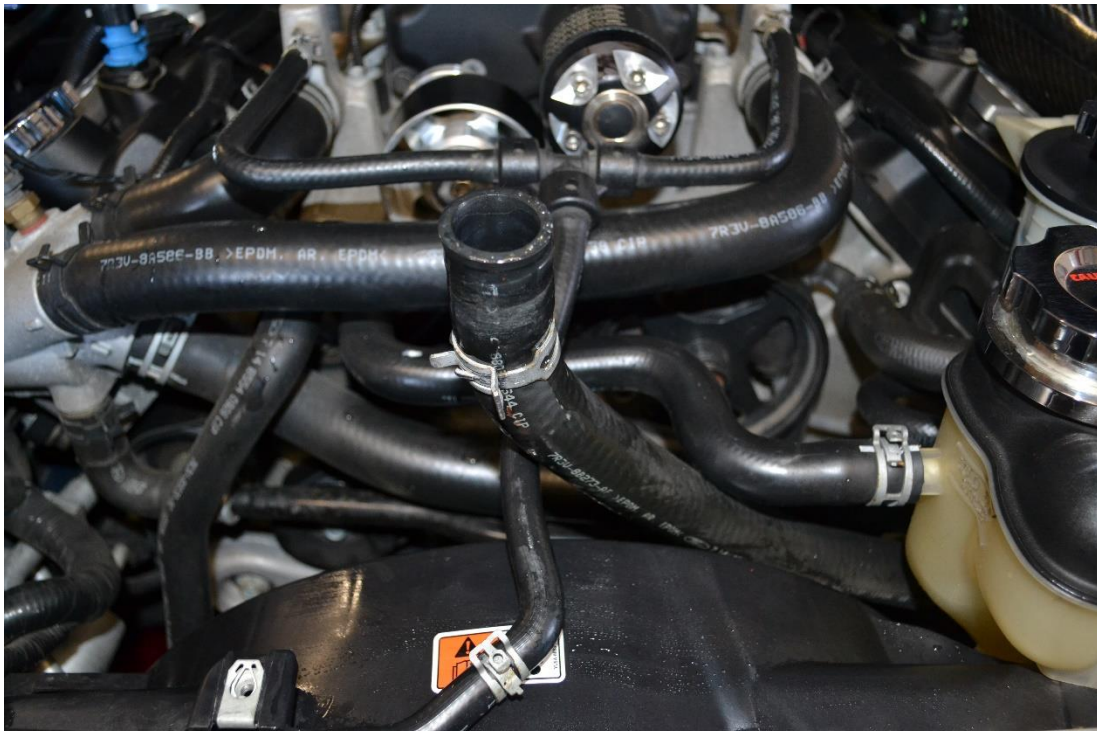
- a) May have some extra coolant in the line, you can use a shop towel to plug line to keep the coolant from spilling.
6. Use a Ratchet and an 8mm Socket to remove both bolts from the front of the tank which holds the tank to the fan shroud.



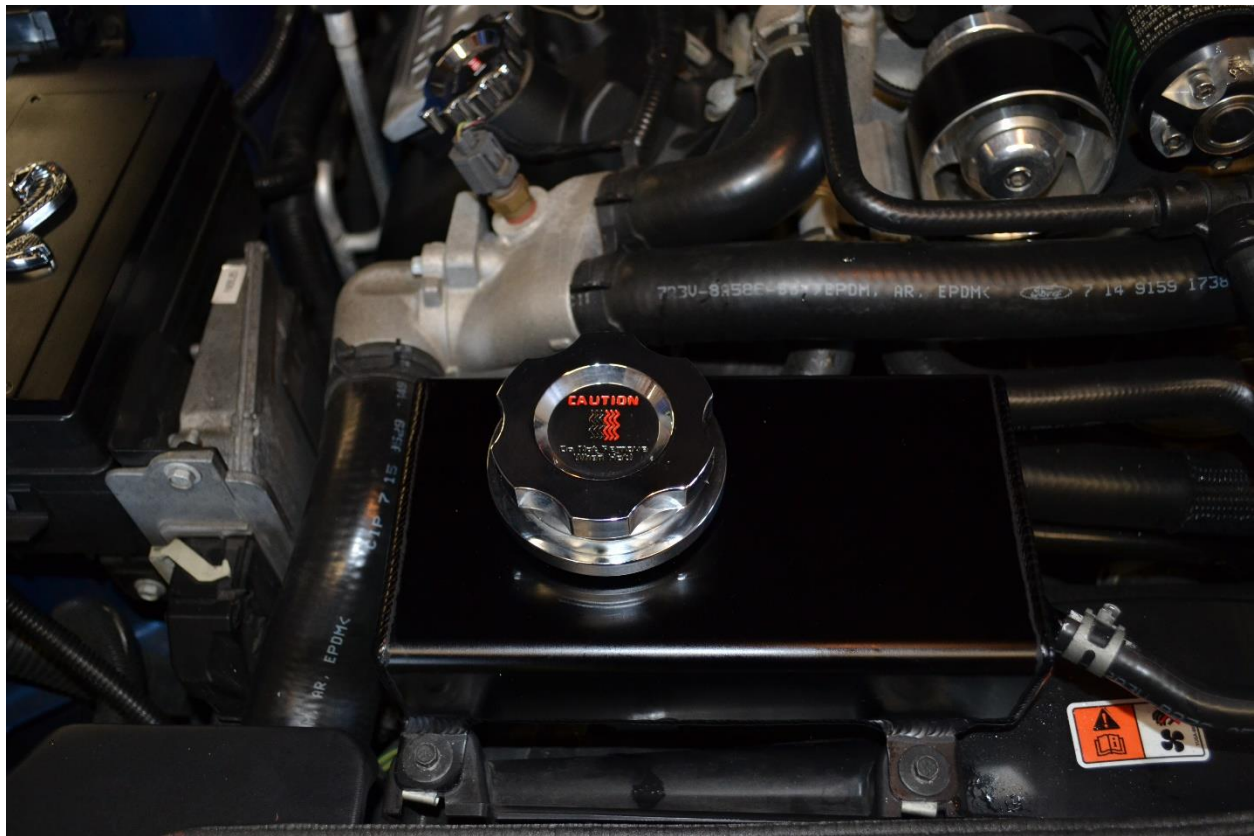
7. Once bolts are removed, lift the tank off the vehicle enough to remove the coolant line attached to the bottom of the tank. You would need to use pliers to loosen the clamp to remove the line.



8. Once the line is removed from the tank, make sure the line is aimed upwards so the coolant in the line does not pour out. If the hose is full to the edge, dump some of the excess fluid into a cup. Then you might be able to use another hose to keep it upright



9. Grab the C&R Coolant Engine Coolant Reservoir and attach the larger coolant line to the bottom of the tank
 - a) Use pliers to loosen the hose clamp and slide it over the line to clamp it in place.
10. Using a Ratchet and an 8MM Socket re-install the two 8MM bolts which mount the tank to the fan shroud
 - a) Make sure you do not over tighten the bolts, if you do, you may break the tabs that the bolts mount to.
11. Attached the smaller coolant line to the top of the tank of the tank
 - a) Use pliers to loosen the hose clamp and slide it over the line to clamp it in place.
12. Using a funnel refilled tank with the same type of fluid that was removed from tank.
 - a) Please see your GT500 Supplement Guide on the type of fluid is required for your vehicle and follow the fluid re-fill procedure.
13. Attach the cap on top of the tank and the installation of the Coolant Tank complete



Installation of the C&R Supercharger Coolant Reservoir.

14. Remove the cap from the stock coolant tank.
15. Start to remove the coolant from the tank, which can be done in two ways.
 - a) Using a 3-4 feet of hose (or siphon kit) to siphon the coolant out of the tank into a bucket. Siphoning the coolant makes it the cleanest and easiest way to remove the fluid.



- b) Use a set of pliers and loosen the clamp, remove line from tank and allow the fluid to go in a drain bucket or pan.



16. Use a Ratchet and an 8mm Socket to remove the bolt from the front of the tank which holds the tank to the fan shroud.



17. Use a set of pliers to loosen the hose clamps that attach the coolant lines to the tank, remove each hose from the tank and remove stock tank from vehicle.

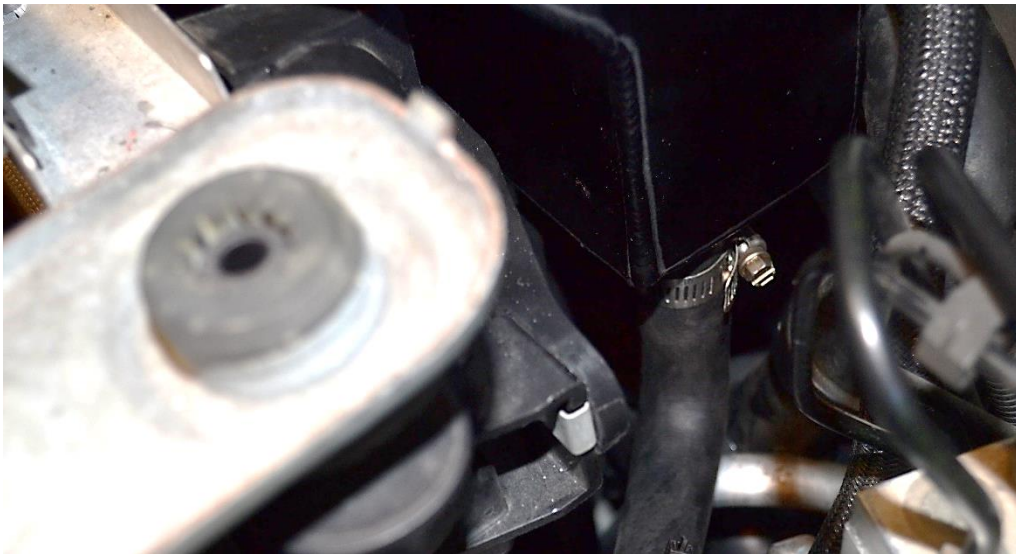
TOP – LEFT SIDE



BOTTOM – RIGHT SIDE

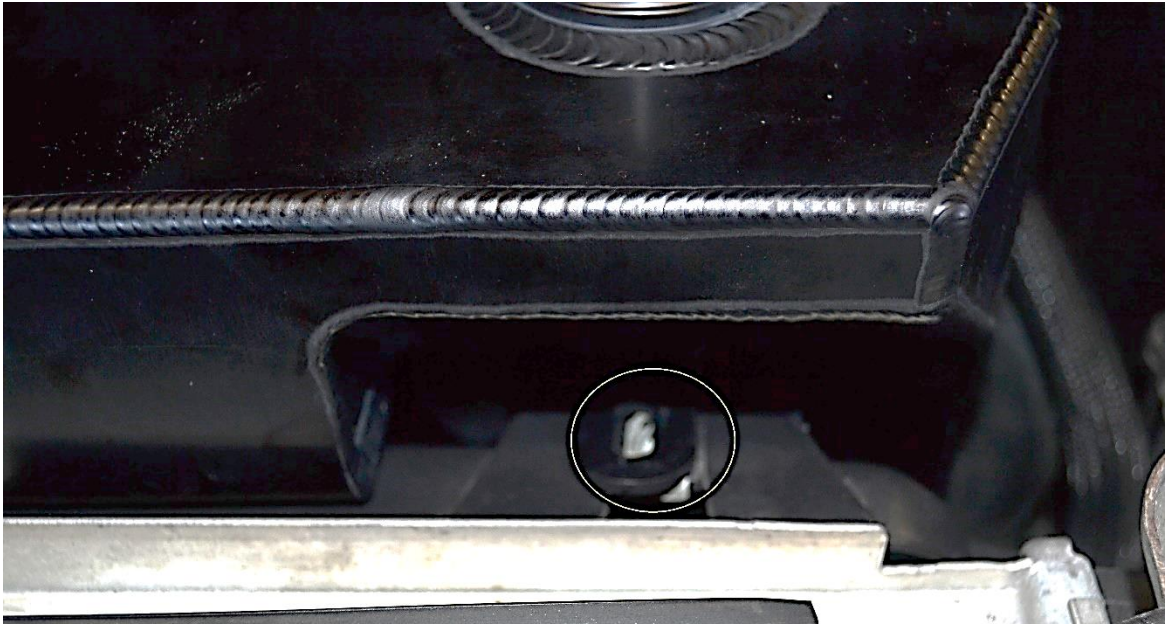


- a. May have excess coolant at the bottom of the tank, place a cup underneath the hose to catch excess fluid.
18. Grab the C&R Supercharger Coolant Reservoir and connect the lower hose on the right side of the tank.



- a) Use pliers to loosen the hose clamp and slide it over the line to clamp it in place.
 - i. To get a hand down to move factory clamp back into place may be harder, you can use another clamp if you choose to.

19. Once the lower line is connected, use an open 8mm wrench and re-install the 8mm bolt which mounts the tank to the fan shroud.



- a) Make sure you do not over tighten the bolt, if you do, you may break the tab that the bolt mounts to.
20. Line up the upper coolant line to the tank connection, you will need to cut a small amount of hose off for the line to fit properly back on the tank.



21. Once the hose is cut to the proper length reconnect it to the tank by sliding it on and secure with the hose clamp.
- a) Use pliers to loosen the hose clamp and slide it over the line to clamp it in place.

22. Using a funnel refilled tank with the same type of fluid that was removed from tank.
 - a) Please see your GT500 Supplement Guide on the type of fluid is required for your vehicle and follow fluid re-fill procedure.
23. Attach the cap on top of the C&R Racing Supercharger Coolant Reservoir and the installation is complete.



Installation of the C&R Power Steering Reservoir.

24. Remove the cap from the stock power steering reservoir.
25. Start to remove the fluid from the tank
 - a) Using a piece of hose (or a siphon kit) to siphon the power steering fluid of the reservoir into a bucket or cup. Siphoning the fluid makes it the cleanest and easiest way to remove the fluid.

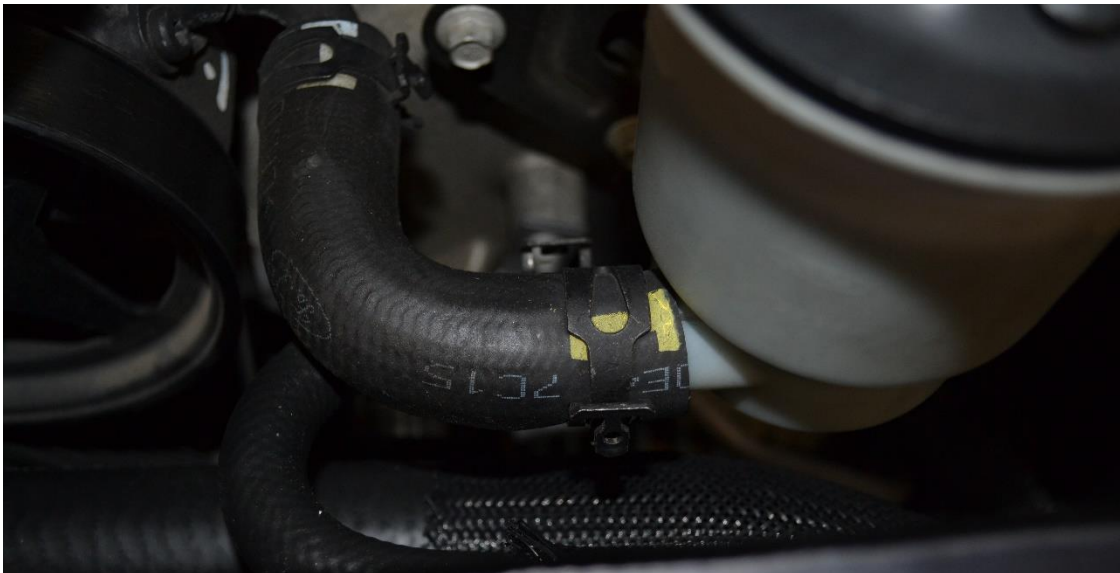


26. Use a Ratchet and an 8MM Socket to remove the bolt from the back of the reservoir which holds the reservoir to a bracket.



27. Use a set of pliers to loosen the hose clamps that attach the fluid lines to the reservoir, remove each hose from the tank and remove stock tank from vehicle

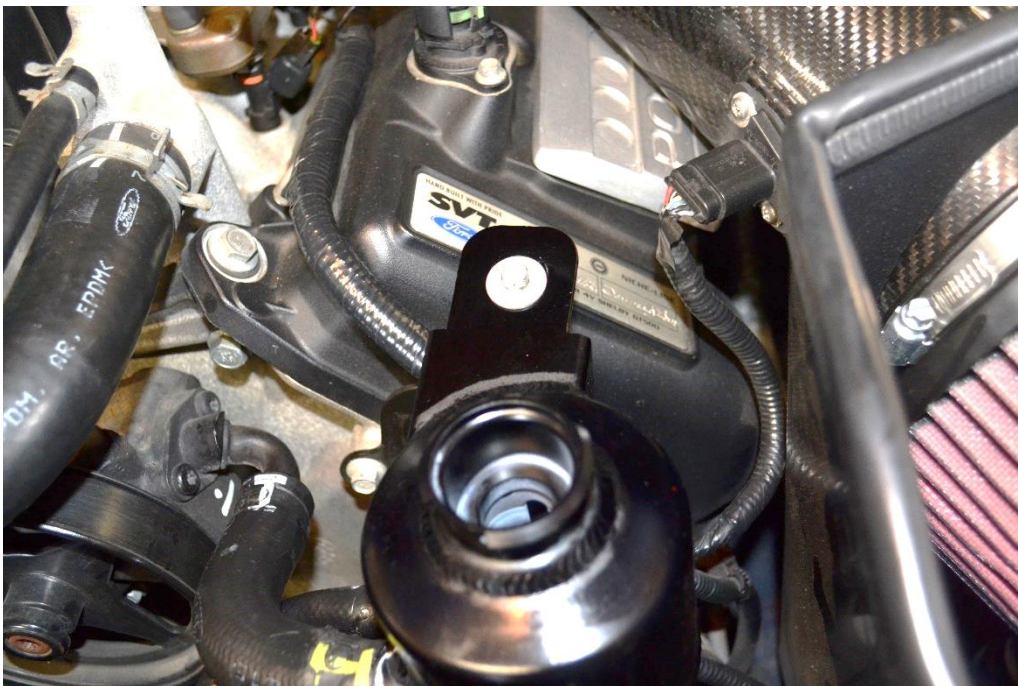
TOP HOSE



LOWER HOSE



- b. May have excess coolant at the bottom of the tank, place a cup underneath the hoses to catch excess fluid.
28. Grab the C&R Power Steering Reservoir and connect the upper and lower hoses.
- a) Use pliers to loosen the hose clamp and slide it over the line to clamp it in place.
29. Once the hoses are connected, use a Ratchet with an 8mm socket and re-install the 8MM bolt which mounts the reservoir to a bracket.



30. Using a funnel refilled tank with the same type of fluid that was removed from tank.
 - a) Please see your Owner's Manual on the type of fluid is required for your vehicle.
31. Attach the cap on top of the reservoir and the installation of the C&R Power Steering Reservoir is complete.



Installation Guide Created by AmericanMuscle Employee Matt Majka on 01/16/2017