

Cars with power steering – Check alignment before painting

Issue:

The large hole that gets a pipe plug for non-power steering cars or a large bolt for cars with power steering, may not be in the correct place on some pumps to allow the power steering bracket to be bolted to the pump. If there is a misalignment, there is the potential to crack the water pump when installing the large power steering bracket bolt.

We apologize for any inconvenience this may cause. We have worked with the pump manufacturer to define the correct hole location. We have not heard of this issue for a few years, but we continue to include these directions so you can check for proper fit with your power steering bracket prior to painting.

Materials:

11/32 drill bit

Part number 354126S large power steering bracket bolt

New water pump

Power steering bracket part number 3C511

Tools:

Hand drill or drill press

Procedure:

Before painting your new pump, install your power steering pump bracket using the large bolt part number 354126S. Inspect the hole in the pump that is supposed to line up with the power steering bracket hole. If a water pump mounting bolt will not pass through this hole then the hole in the bracket, not the water pump must be drilled out.

Without removing the power steering bracket from the water pump, and using the new water pump as a drill guide, drill through the guide hole and through the power steering bracket. Do not enlarge the hole in the water pump. (The holes used to mount the water pump to the engine are correct. It is the large hole that is the problem and drilling out the power steering bracket is the best solution.)

Install tip: 354126S bolt did not originally use any washers. To ensure a good seal, our shop uses RTV silicone sealant on both sides of the power steering bracket to make sure.

If you have any questions about this procedure please call our technical help line at 740/622-9700.

Misalignment Fix Power Steering Bracket