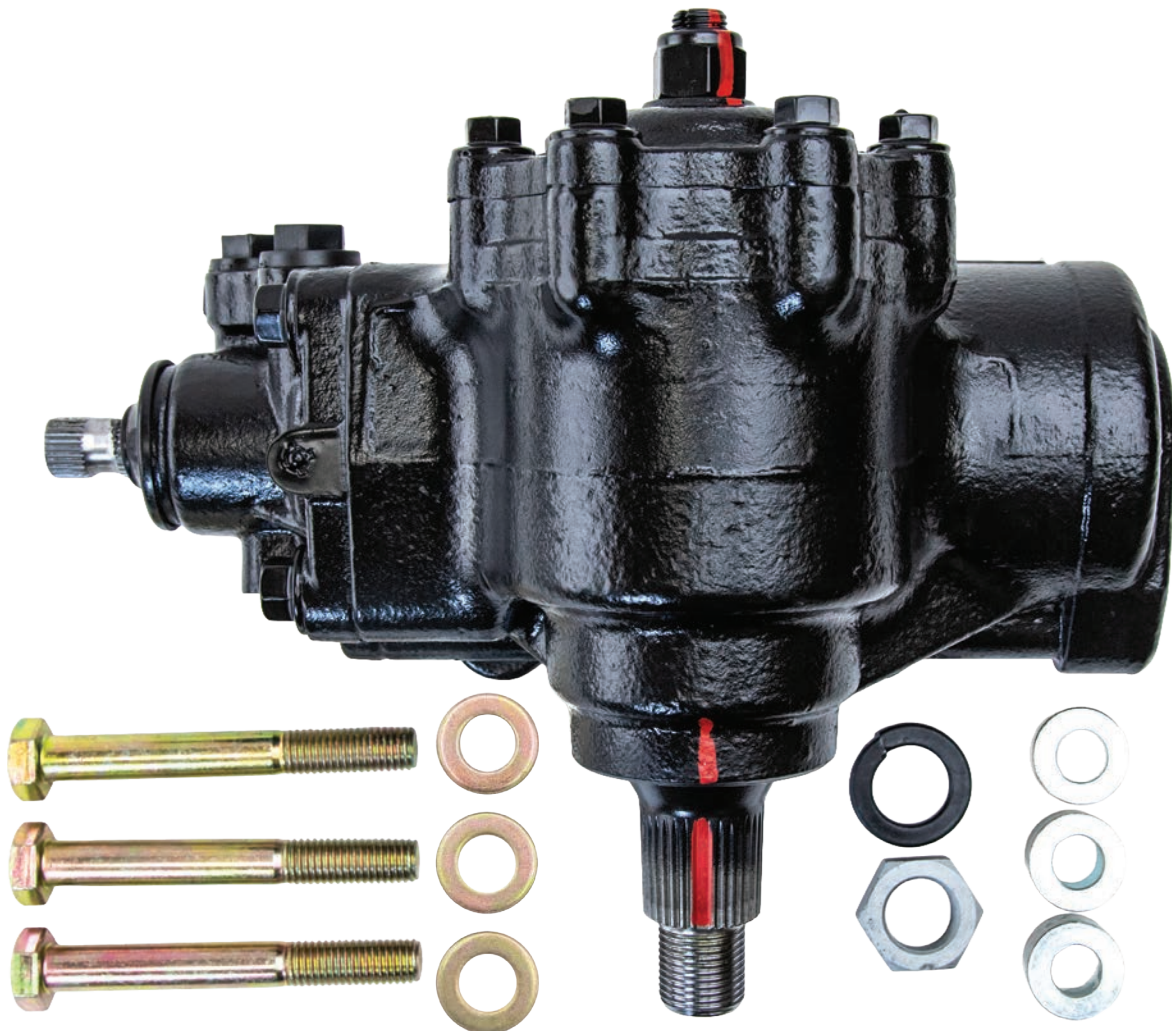




# SG851 XD Steering Gear

1994-2002 Dodge 2500/3500



# INSTALLATION GUIDE



# SG851 XD Steering Gear

## GENERAL INSTALLATION INFORMATION

This PSC steering gear can be installed in a home garage, but if you have doubts, let a professional installer do the job. We highly recommend a second person to help with the installation—the gear weighs around 35lbs and it is difficult to locate and thread in the mount bolts by yourself.

You will need a torque wrench to tighten the pitman arm. Please refer to your owner's manual or other aftermarket installation reference guide for the torque specs for the pitman arm nut. In addition, if you do not have a secure way to torque the pitman arm nut to that specification OR a torque wrench that goes that high, we suggest you plan to take it to an auto shop or auto store that can perform this task for you.

If you have any installation questions, contact us at [support@pscmotorsports.com](mailto:support@pscmotorsports.com). PSC's hours of operation are Monday-Friday, 9 am - 5 pm CST.



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The PSC SG851 XD steering gear has a larger sector shaft and lower bearing than the stock gear.

This means that the PSC SG851 steering gear needs the spacers to set it off of the frame in order to be installed.

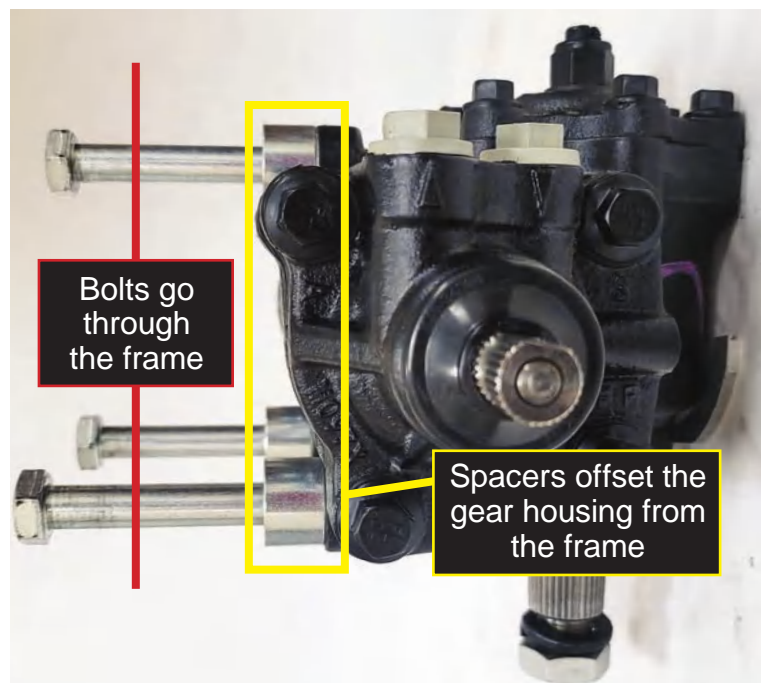
To the right you can see how the stock steering gear can sit flush against the frame.



The image to the right shows how the spacers should be placed when installing the new PSC steering gear.

You can see how the housing is larger on this PSC pump, and why the spacers are needed to offset the gear from the frame for installation.

**NOTE:** When taking out the old stock gear, have a drip pan underneath to catch any fluid dripping out.





# INSTALLATION GUIDE

## SG851

Because of the gear being offset from the frame, the drag link will need to be shortened by 3/4".

With this you should be able to finish re-installing the rest of the components to put the truck back together.

