

#M2RIK - PolyPlus™ Bushing Upgrade Kit Instructions

for #M21400-MPC (Manual) or #M21400-PK (Power) Rack and Pinion Kits



Parts List:

4 ea Polyplus™ Mounting Bushings	2 ea Tie Rod End Jam Nuts
2 ea Mounting Spacers	2 ea Large Washers
2 ea Mounting Bolts	2 ea Extra Large Washers
2 ea Nyloc Mounting Nuts	

PLEASE NOTE: The installer needs to make sure that nothing can make contact with a brake hose, caliper, or other brake component at any point through the entire range of steering and suspension movement. The installer also needs to make sure none of the steering or braking components can become bound or jammed at any time through the range of suspension or steering movement.

Notes:

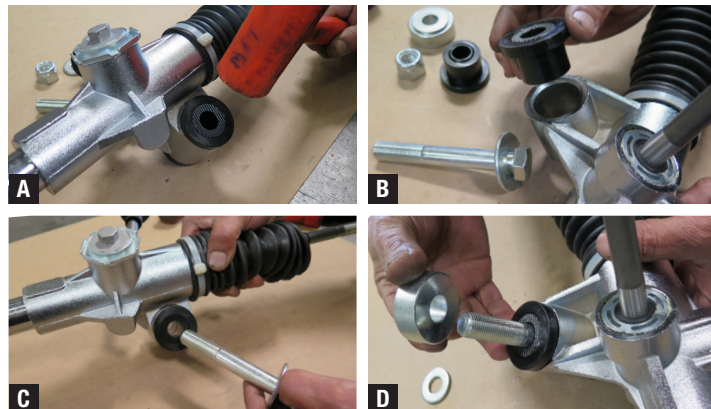
This upgrade kit fits CPP Manual (#M21400-MPC) or Power (#M21400-PK) rack and pinion steering units.

Recommendations:

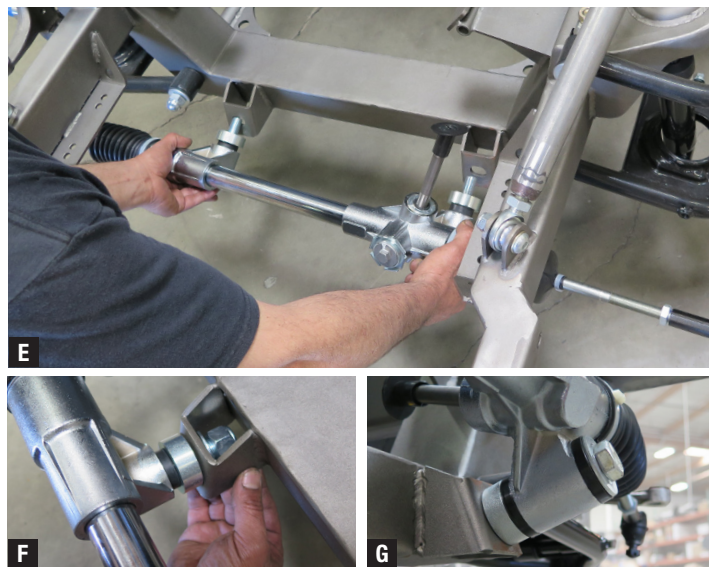
Installation is recommended to be completed on a workbench. If this upgrade kit is to be installed on an existing rack and pinion, properly uninstall from the vehicle and remove old bushings before performing installation of this kit.

Instructions:

1. Install one (1) Polyplus bushing into the front and one (1) Polyplus bushing to the back of each mounting location on the steering rack. Insert (1) mounting bolt and (1) Extra Large washer into each front bushing (Fig. A-C). Some installations may require the use of the mounting spacers between the rack and the crossmember brackets (Fig. D)



4. Bolt the rack and pinion assembly onto the crossmember mounting brackets using the (2) Large washers and (2) Nyloc mounting nuts to secure. Torque down to recommended specifications. (Fig. E-G)
5. Re-install, or resume installation of steering rack components.



GENERAL TORQUE SPECIFICATIONS:

1/4"	grade 5	10 lb/ft	1/4"	grade 8	14 lb/ft
5/16"	grade 5	19 lb/ft	5/16"	grade 8	29 lb/ft
3/8"	grade 5	33 lb/ft	3/8"	grade 8	47 lb/ft
7/16"	grade 5	54 lb/ft	7/16"	grade 8	78 lb/ft
1/2"	grade 5	78 lb/ft	1/2"	grade 8	119 lb/ft
9/16"	grade 5	114 lb/ft	9/16"	grade 8	169 lb/ft
5/8"	grade 5	154 lb/ft	5/8"	grade 8	230 lb/ft

NOTE: With 18" and larger wheels we recommend 1/2" wheel studs. The larger the wheel diameter, the greater the force is on the wheel studs. Please inquire about replacement wheel stud kits available from CPP.