



Steering, Brake & Suspension Specialists

Rack Extender Installation Instructions

for Manual or Power Rack and Pinion



MANUAL RACK: 2" EXTENDER (SHOWN)

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 installation process applies to both Manual or Power rack and pinion units.

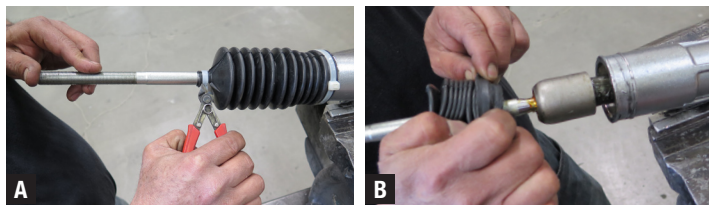
Note: Installation shown completed on a workbench. This process can also be completed with the steering rack mounted to the vehicle frame.

Recommendations:

Thread-lock blue (not included).

Instructions:

1. To install the rack extender, start by removing the clamp/zip tie on the rubber boot where the extender will be installed (commonly the driver side end of the rack and pinion). Carefully remove the rubber boot from the end of the rack housing. (Fig. A-B)



2. Remove the inner tie rod. Apply thread-lock to the threads on the end of rack and pinion shaft, and install the rack extender. (Fig. C-E)



3. Apply thread-lock to the rack extender threads, and install the inner tie rod onto the rack extender. (Fig. F-H)



4. Re-install the rubber boot onto the rack housing. Re-install the clamp/zip tie on the rubber boot. (Fig. I) Repeat the process to the opposite side, if your applications requires a rack extender on each side.



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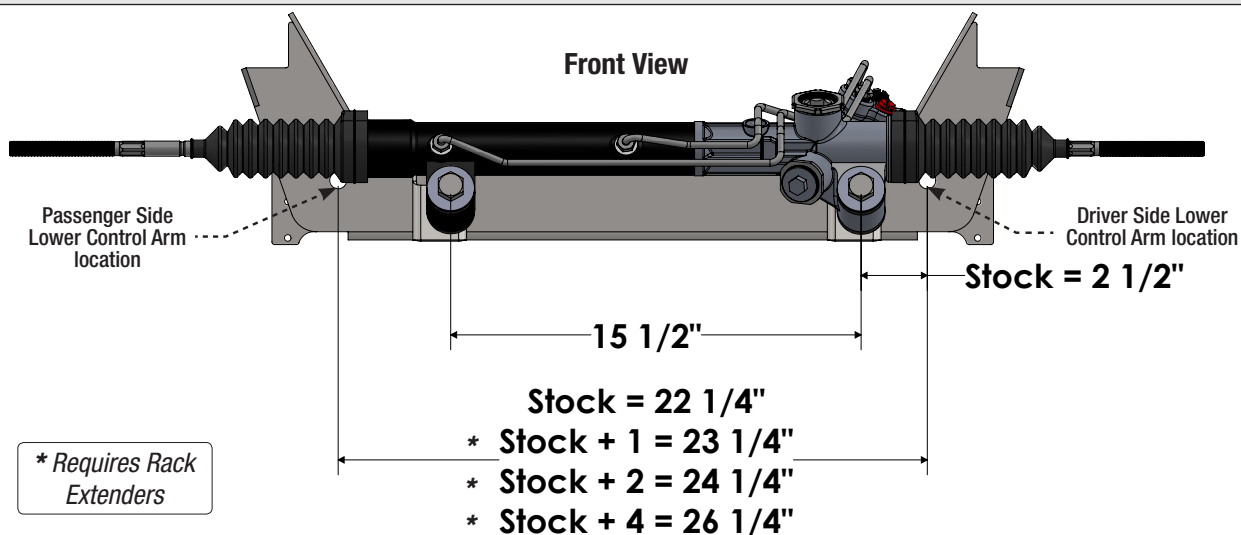
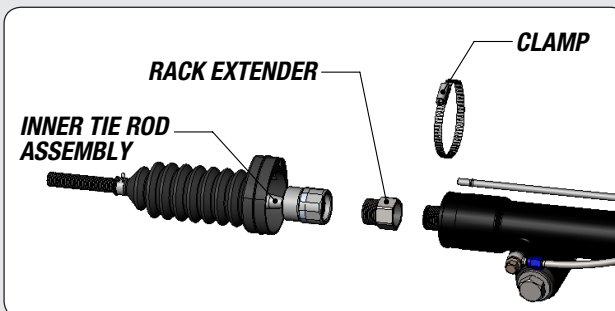
Rack Extender Installation Instructions

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RACK EXTENDER APPLICATION GUIDE

GENERAL RECOMMENDATIONS FOR RACK EXTENDERS:

ARM TO ARM DISTANCE	ARM TO RACK DISTANCE	EXTENDER LENGTH	INSTALL SIDE(S)
23 1/4"	2 1/2"	1"	PASSENGER
	3 1/2"	1"	DRIVER
	3 1/2"	1"	BOTH
24 1/4"	2 1/2"	2"	PASSENGER
	4 1/2"	2"	DRIVER
	4 1/2"	2"	DRIVER
26 1/4"	2 1/2"	4"	PASSENGER
	6 1/2"	4"	DRIVER
	6 1/2"	4"	DRIVER
BY MANUFACTURER	APPLICATION	EXTENDER LENGTH	INSTALL SIDE(S)
HEIDTS	1948-64 FORD P/U	2"	BOTH
	1955-59 CHEVY P/U	2"	BOTH
	60 1/2" TRACK WIDTH	2"	BOTH
FATMAN	ALL	ALL	PASSENGER
TCI	1948-64 FORD P/U	2"	DRIVER
	1955-59 CHEVY P/U	2"	DRIVER
	1949-54 CHEVY CAR	1"	DRIVER
	CORVETTE (ALL)	1"	DRIVER
	1935-40 FORD (ALL)	NONE	-
	1947-54 CHEVY P/U	NONE	-



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

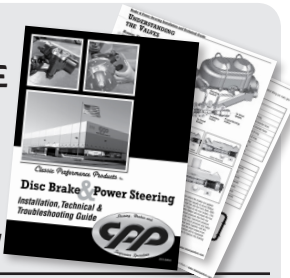
NOTE: With 18" and larger wheels we recommend 1/2" wheel studs. The larger the wheel diameter, the greater the force is on the wheel studs. Please inquire about replacement wheel stud kits available from CPP.

INSTALLATION, TECHNICAL, & TROUBLESHOOTING GUIDE



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Our comprehensive tech guide filled with helpful product information, technical diagrams, spec sheets, install tips & more!



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