



## 1935-1940 Ford Cross Steer [Rack & Pinion](#)

# 8000510

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### Kit Contents:

#	Part Number	Description	Qty	Inspected By
	8000510	Rack & Pinion kit	1	
	--240510	- Tie Rod End Tube	1	
	--620280	- Install Kit	1	
	----120430	--- 3/8"-16 Nut	4	
	----200840	--- 3/8" Lock Washer	4	
	----200850	--- 5/16" Flat Washer	4	
	----230660	--- 3/8"-16 x 1" Bolt	4	

### Please review the following before installation

- This product is intended for use on 1935-1940 Fords.
- This kit will only work with stock or 2" drop axles.
- This kit will only work if your chassis has split wishbones at least around the transmission.
- This kit mounts to your frame, where the factory steering box was.
- If using the factory steering column, you will have to modify it in order to connect to the pinion
- New steering u-joints are required.

# Installation

## **1. Remove existing steering components.**

Decide what steering column you will use with this kit. Our kit will work with all, but if you are planning on using the stock column you will need to do the following:

Make a mark on the steering column, approximately 1.5" down from the firewall. Remove all fasteners that hold the column to the dash and floor, and remove steering wheel. Unbolt steering box, and the tie rod going from the pitman arm, and pull steering column, and steering box out of your car. Loosen the clamp on the bottom of the steering column, and the woodruff key that holds the steering wheel on. The column tube should now be able to slide off the steering box shaft. Cut the steering column tube where the previous mark was made. Slide the column tube back on the steering box shaft, then cut the steering box shaft, about an inch below the column tube.

**NOTE: You will have to make a nylon bushing inside the end of the column, and fabricate a floor mount.**

Reinstall the column. Remove the steering box mounting plate from the frame by grinding off the rivets that hold it on. Clean the frame holes with a drill.

## **2. Install rack and pinion**

Insert new rack bracket into the frame where the factory bracket was. Bolt the bracket on to the frame with the bolts provided. Make sure the front wheels are completely straight, and the rack is in its center position (pinion shaft has a center mark when you receive it). Put your tie rod in the new tie rod tube coming out the rack. Adjust the tube until the length is correct and insert tie rod into your steering arm. Adjust toe if needed, and tighten all nuts. Run linkage from the Cross Steer pinion (9/16", 26 spline) up to your column, should take only two U-Joints and a section of shaft.