



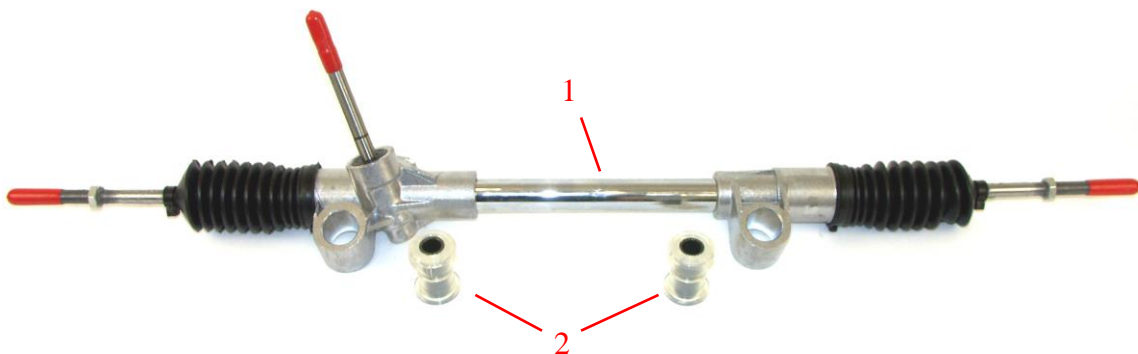
## 1979-1993 MUSTANG MANUAL RACK & PINION

# 8000440, 8000450, & 8000370

**Full refund will NOT be granted to any kits that are damaged, scratched, or altered in any fashion.**

**Note:** 8000440 & 8000450 are not kits; they are the standard ratio, & quick ratio rack & pinion numbers.

### Kit Contents:



| # | Part Number | Description           | Quantity |
|---|-------------|-----------------------|----------|
| 1 | 8000440     | Mustang Rack & Pinion | 1        |
| 2 | 620370      | Mount Bushings        | 2        |

#### REMOVE STOCK STEERING RACK & PINION

1. Center the front wheels & steering wheel, making sure the wheels don't move from this position.
2. Turn ignition off **(AIR BAGS CAN BE DEPLOYED IF CAR IGNITION IS ON)**
3. Take measurements of the stock rack in relation to some reference point on the chassis. We suggest measuring the distance from each outer tie-rod end grease fitting to the closest control arm bolt on the frame. This procedure will help you position the new rack in approximately the same location as the original rack, a wheel alignment is suggested upon completion.
4. Remove outer tie rod ends from the steering arms.
5. Unbolt steering coupler from the rack & pinion & remove the rack mounting bolts.
6. Unbolt steering shaft from the steering column, and remove.

## NEW RACK & PINION INSTALLATION

7. **Center new rack and pinion.** Turn rack all the way to one side and place that side against a stationary object. Making sure the housing does not move. Turn the rack back all the way to the other side. Measure the gap between the stationary object and the end of the rack. Turn the rack back half the distance. We suggest you make a mark on the pinion and the housing, in case the rack moves during installation.
8. Connect new steering shaft to the steering column
9. Remove inner sleeves of the factory mounting bushings if using new bushings, or off set bushings.
10. Install bushing sleeve into one half of a new mounting bushing, and insert into the rack mount hole on the drivers side so that the off set hole is positioned at 9 o'clock.(looking at from the front) Insert the second half of the bushing into the mounting hole and onto the bushing sleeve.
11. Install the passenger side mounting bushing the same except position the off set hole at 3 o' clock.
12. Insert rack & pinion shaft into steering shaft(The steering column has some adjustment and may have to be pushed up or pulled down to mate with rack & pinion) and bolt.
13. Install rack and pinion onto the cross member using the provided washers in the front and back of each mounting bushing. Tighten mounting bolts.
14. Install outer tie rod ends. Screw each tie rod end referring back to earlier measurement taken from the original rack.
15. Reinstall outer tie rod ends into the steering arms

If you have any questions or problems regarding this product please contact:

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