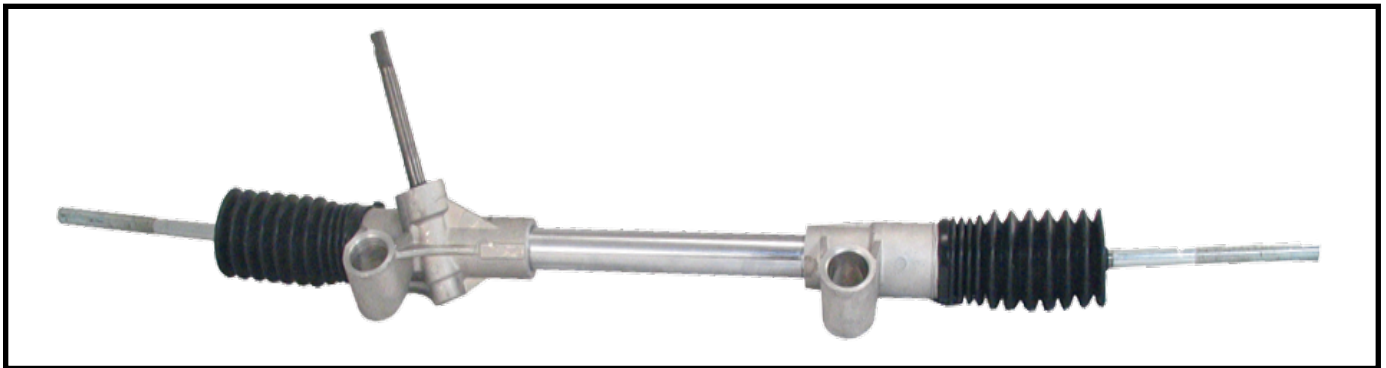




RPM7478

MUSTANG II RACK AND PINION



RPM7478

94-up Mustang Style
9/16-26 Diameter
Steering Shaft Connection
16" Mounting Holes Center-to-Center
9/16-18 Tie Rod Ends
44" Overall Length

INSTALLATION INSTRUCTIONS

NOTE: ALWAYS REFER TO THE VEHICLE OWNER'S MANUAL FOR CORRECT TORQUE SPECIFICATIONS WHEN INSTALLING.

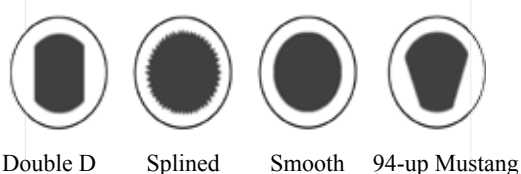
RACK & PINION PRE-INSTALLATION CHECKLIST

BEFORE YOU ATTEMPT TO INSTALL THE RACK, YOU MUST COMPLETE THIS CHECKLIST.

<input checked="" type="checkbox"/>	TASKS TO COMPLETE
<input type="checkbox"/>	1. Inspect the new rack assembly. Look for torn boots, damaged threads, and inspect splines.
<input type="checkbox"/>	2. Verify the spline count and configuration of your steering column shaft by disconnecting the flexible coupling from the input shaft of the steering column. You may need to order a different steering coupler and longer steering shaft material. Distances vary from body to body. (Fig.1 & 2)
<input type="checkbox"/>	3. Verify the thread sizes and condition of your tie rod ends. Replace as necessary.
<input type="checkbox"/>	4. Install the tie rod ends on the new rack in the identical position on the threads as the pre-existing rack.
<input type="checkbox"/>	5. Proceed to installation of the rack assembly.

FIG. 1

Common Shaft End Types



Steering Coupler Planner

	MBM Rack	Coupler
Diameter Inches		
Spline Count		
Shape		

INSTALLATION OF THE MANUAL RACK ON TO MUSTANG II CROSS MEMBER (RPM7478):

6. Position the wheels in a straight-ahead position. If your ignition key is on the steering column, lock the steering wheel by turning the key to the lock position.
7. Attach the new rack to the cross member and hand tighten the mounting bolts.
8. Reconnect the tie rods ends and tighten the castle nuts to 35-47 ft-lbs and install cotter pins.
9. Verify the wheels are in a straight ahead position.
10. Center the steering wheel and reconnect the steering coupler. Tighten bolts to 20-37ft-lbs.
11. Torque the rack mounting bolts to 80-100 ft-lbs.
12. Inspect the rubber boots after the alignment. Make sure they are in their natural shape and not twisted.
Spray the boots with silicone spray for protection.
13. Have the alignment checked professionally.

FIG. 2

