



800 Poertner Rd. Berea, OH 44017
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Mustang II Style Manual Rack & Pinion Specifications Sheet



	Mustang II Manual Rack	Mustang II Manual Rack with Short Pinion
Part No.	FR1502	FR1502-5
OEM Design Style	74-78 Ford Mustang	74-78 Ford Mustang
Steering Design	Front Steer	Front Steer
Total Weight	11.2 lbs.	10.75 lbs.
Housing Material	Die Cast Aluminum	Die Cast Aluminum
Tube Material	Carbon Steel	Carbon Steel
Tube Plating	Chrome	Chrome
Rack Gain	1.25" per turn	1.25" per turn
No. Turns Lock-to-Lock	4.9	3.9
Total Rack Travel	6.25"	6.5"
Overall Length (end to end)	45"	44.75"
Housing Length	20-7/8"	20-7/8"
Housing O.D.	2.100" (both ends)	2.100" (both ends)
Tube O.D. (passenger side)	N/A	N/A
Input Shaft Angle	72°	72°
Input Shaft Spline Size	9/16"-26	9/16"-26
Input Shaft Length	4.5"	1.5"
Pivot Points	24.5"	24.5"
Inner End Diameter	14mm (.551")	14mm (.551")
Inner End Thread Size	9/16"-18	9/16"-18
Driver Side Mount	Spike (bushing req'd)	Spike (bushing req'd)
Passenger Side Mount	Spike (bushing req'd)	Spike (bushing req'd)
Spike Mount Center to Center Distance	16.00"	16.00"
Bellows Material	Nitrile Rubber	Nitrile Rubber
Bellows Part No.	FR1502B (pair)	FR1502B (pair)
Bushing Part No.	FR1600 (2 req'd)	FR1600 (2 req'd)
Outer End Part No.	FR1601 (2 req'd)	FR1601 (2 req'd)



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	Mustang II Manual Rack with Short Pinion - Shortened 2"	Mustang II Manual Rack with Short Pinion - Shortened 2.5"	Mustang II Manual Rack with Short Pinion - Shortened 3"	Mustang II Manual Rack with Short Pinion - Shortened 4"
Part No.	FR1502-2X2	FR1502-2X2.5	FR1502-3X3	FR1502-4X4
OEM Design Style	74-78 Ford Mustang	74-78 Ford Mustang	74-78 Ford Mustang	74-78 Ford Mustang
Steering Design	Front Steer	Front Steer	Front Steer	Front Steer
Total Weight	15 lbs.	10.6 lbs.	10 lbs.	9.6 lbs.
Housing Material	Die Cast Aluminum	Die Cast Aluminum	Die Cast Aluminum	Die Cast Aluminum
Tube Material	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel
Tube Plating	Chrome	Chrome	Chrome	Chrome
Rack Gain	1.36" per turn	1-1/4" per turn	1-1/4" per turn	1-3/8" per turn
No. Turns Lock-to-Lock	3.92	4.29	3.92	3.92
Total Rack Travel	5.34"	5.0"	4.8"	4.75"
Overall Length (end to end)	43"	43"	41.75"	41"
Housing Length	18.875"	18.375"	17.875"	16.875"
Housing O.D.	2.1" Both Ends	2.1" Both Ends	2.1" Both Ends	2.1" Both Ends
Tube O.D. (passenger side)	N/A	N/A	N/A	N/A
Input Shaft Angle	72°	72°	72°	72°
Input Shaft Spline Size	9/16"-26	9/16"-26	9/16"-26	9/16"-26
Input Shaft Length	1.5"	4.5"	1.5"	1.5"
Pivot Points	22.5"	21.5"	21.5"	20.5"
Inner End Diameter	14mm (.551")	14mm (.551")	14mm (.551")	14mm (.551")
Inner End Thread Size	9/16"-18	9/16"-18	9/16"-18	9/16"-18
Driver Side Mount	Spike (bushing req'd)	Spike (bushing req'd)	Spike (bushing req'd)	Spike (bushing req'd)
Passenger Side Mount	Spike (bushing req'd)	Spike (bushing req'd)	Spike (bushing req'd)	Spike (bushing req'd)
Spike Mount Center to Center Distance	14"	13.5"	13"	12"
Bellows Material	Nitrile Rubber	Nitrile Rubber	Nitrile Rubber	Nitrile Rubber
Bellows Part No.	FR1502B (pair)	FR1502B (pair)	FR1502B (pair)	FR1502B (pair)
Bushing Part No.	FR1600 (2 req'd)	FR1600 (2 req'd)	FR1600 (2 req'd)	FR1600 (2 req'd)
Outer End Part No.	FR1601 (2 req'd)	FR1601 (2 req'd)	FR1601 (2 req'd)	FR1601 (2 req'd)