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Omni-Style Manual Rack & Pinion Specifications Sheet



	41.7" Omni Manual Rack	41.7" Omni Manual Rack with Short Pinion	45" Omni Manual Rack	45" Omni Manual Rack with Short Pinion
Part No.	FR1507-3	FR1507-3-5	FR1507-2	FR1507-2-5
OEM Design Style	78-83 Dodge Omni	78-83 Dodge Omni	78-83 Dodge Omni	78-83 Dodge Omni
Steering Design	Rear Steer	Rear Steer	Rear Steer	Rear Steer
Total Weight	9.95 lbs	9.75 lbs	10.7 lbs	10.0 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	1.25"	1.25"	1.25"	1.25"
No. Turns Lock-to-Lock	3.49	3.4	3.5	3.75
Total Rack Travel	4.5"	4.75"	4.75"	5.00"
Overall Length (end to end)	42.25"	41.7"	45.25"	45.25"
Housing Length	18"	18"	18"	18"
Housing O.D.	1.35"	1.35"	1.35"	1.35"
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	3-3/8" from cap	1.5" from cap	3.5" from cap	1.5" from cap
Pivot Points	23.5"	23.77"	26.0"	24.5"
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	Foot (2 bolts req'd)	Foot (2 bolts req'd)	Foot (2 bolts req'd)	Foot (2 bolts req'd)
Passenger Side Mount	Clamp	Clamp	Clamp	Clamp
Spike Mount Center to Center Distance	N/A	N/A	N/A	N/A
Bellows Material	Nitrile Rubber	Nitrile Rubber	Nitrile Rubber	Nitrile Rubber
Bellows Part No.	FR1501B (pair)	FR1501B (pair)	FR1501B (pair)	FR1501B (pair)
Bushing Part No.	N/A	N/A	N/A	N/A
Outer End Part No.	FR1601 (2 req'd)	FR1601 (2 req'd)	FR1601 (2 req'd)	FR1601 (2 req'd)