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Service Tips and Best Practices

Steering Linkage Identification: 2008-2003 RAM 2500/3500 4x4 & 2008-2006 RAM 1500 4x4

Brand	Supreme	Product	Tie Rod Ends	Date	September 2021
Part Number(s)	Various				

To address steering wheel oscillation and front-end shimmy concerns as the vehicle travels over rough roads at certain speeds on applications below, the OEM introduced a redesign of the steering linkage for model year 2009 (vehicles produced after 5/2008). This revised design is typically referred to as the "2nd Design" or "With Bracket". It is important to note that 1st Design steering linkage components are not interchangeable with 2nd Design components.

Application(s)
2009 (Mid-2008) to 2006 RAM 1500 Extended Cab 4x4
2009 (Mid-2008) to 2003 RAM 2500 & 3500 4x4

Before replacing steering linkage components, the Professional Technician should verify which design is presently equipped on the vehicle for a frustration-free repair outcome.

To identify steering linkage versions, follow the inspection procedure below:

1st Design
If the steering damper is mated to the Right-Hand inner tie rod using a tapered hole and nut, this is the original 1st Design. **See Figure 1**

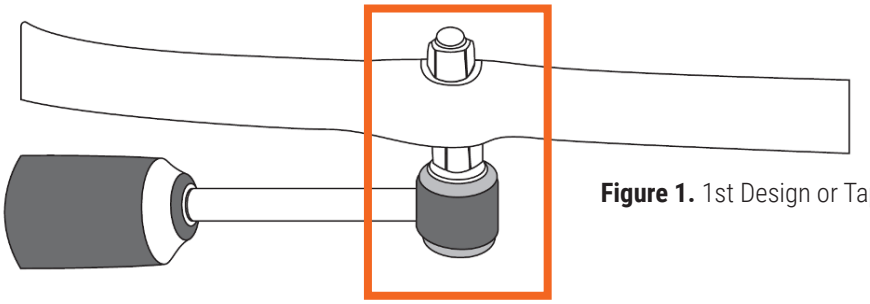


Figure 1. 1st Design or Tapered Hole Style

To simplify ordering replacement Mevotech Supreme steering components, the chart below can be used as a quick reference guide for vehicles equipped with the 1st Design:

Description and Part Location		Supreme Part Number
Pitman Arm to Right-Hand Steering Arm	Right-Hand Outer Tie Rod End	MDS1463
	Adjusting Sleeve	MES3626S
	Left-Hand Inner Tie Rod End to Pitman Arm	MES3624
Left-Hand Steering Arm to Connecting Tie Rod End	Left-Hand Outer Tie Rod End	MES3625
	Adjusting Sleeve	MES3626S
	Right-Hand Inner Connecting Tie Rod End	MDS1464

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2nd Design

If the steering damper is mated to the Right-Hand outer tie rod end using a bracket and two U-bolts, this is the 2nd Design. **See Figure 2.**

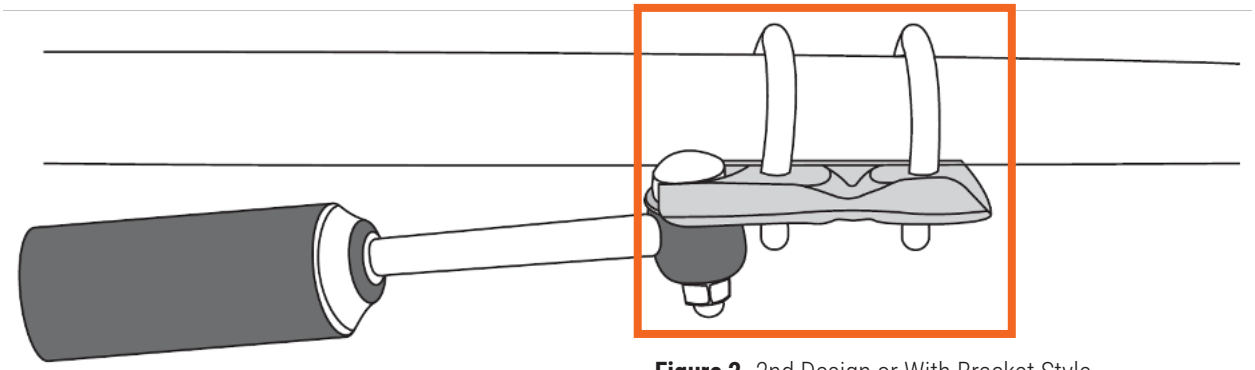


Figure 2. 2nd Design or With Bracket Style

To simplify ordering replacement Mevotech Supreme steering components, the chart below can be used as a quick reference guide for vehicles equipped with the 2nd Design:

Description and Part Location		Supreme Part Number
Pitman Arm to Right-Hand Outer Tie Rod End	Right-Hand Inner Connecting Tie Rod End	MS25710
	Adjusting Sleeve	MS25901
	Left-Hand Inner Tie Rod End to Pitman Arm	MS25709
Left-Hand Steering Arm to Steering Arm	Left-Hand Outer Tie Rod End	MS25619
	Adjusting Sleeve	MS25900
	Right-Hand Outer Tie Rod End	MS25611

Always refer to the factory service manual for correct diagnostic procedures, component removal and installation methods, as well as fastening torque values and procedures where applicable. Only use a calibrated torque wrench for final fastening.

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