



THE PROBLEM SOLVER™

DID YOU KNOW?

ADVICE FOR THE PROFESSIONAL

Overview

Owners of many trucks (especially Jeeps and Dodge Rams) may experience front or rear end shimmy or oscillation immediately after hitting bumps. They may also complain of wander and clunking while turning. Most often, this is the result of track bar bushing and/or pivot failure.

Models affected:

Year	Make/Model
87-06	Jeep Wrangler
84-01	Jeep Cherokee
86-92	Jeep Comanche
93-98	Jeep Grand Cherokee
94-07	Dodge Ram Pickups 1500, 2500, 3500
85-97	Ford F-350 pickup

Diagnosis

It is important to confirm that the bushings are the culprit. With the vehicle weight on the ground, start the engine and observe the ends of the track bar while someone turns the wheel from side to side. If movement is discovered, the bushing or pivot point is bad and must be replaced.

Repair Procedure

Pivot Point

If the pivot point is a ball and stud design and is loose, the entire track bar must be replaced. MOOG problem solving forged track bars are available for most vehicles.



Track bars with ball stud pivot design (front only)

Year	Make/Model	Part #
87-95	Jeep Wrangler	DS1422
93-98	Jeep Grand Cherokee 2WD	DS1235
91-01	Jeep Cherokee & Comanche 2WD	
93-94	Jeep Grand Wagoneer 4WD	
93-98	Jeep Grand Cherokee 4WD	
91-01	Jeep Cherokee & Comanche 4WD	
97-06	Jeep Wrangler 4WD	DS1147
84-90	Jeep Wagoneer 4WD; Cherokee & Comanche 2WD/4WD	
94-02	Dodge Ram R1500, R2500, R3500 4WD	DS1413
94-02	R3500 w/solid front axle 2WD	

Bushing

If it is the bushing that has failed, in most cases there is no need to replace the track bar – just the bushing. Bushing replacement does not require complete track bar removal or special tools.



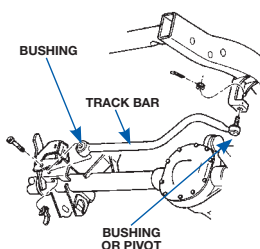
K3176

Two-piece bushing kits

Year	Make/Model	Part #	Loc
87-95	Jeep Wrangler (all models)	K3175	Front
93-98	Jeep Grand Cherokee 2WD	K3176	Front
91-01	Jeep Cherokee & Comanche 2WD		
93-94	Jeep Grand Wagoneer 4WD		
93-98	Jeep Grand Cherokee 4WD		
91-01	Jeep Cherokee & Comanche 4WD		
97-06	Jeep Wrangler 4WD	K7382	Front
84-90	Jeep Wagoneer, Cherokee & Comanche 2WD/4WD		
94-01	Dodge Ram R1500, R2500, R3500 4WD	K80034	Front
94-02	R3500 w/solid front axle 2WD		
85-97	Ford F-350 Pickup	K80777	Front
90-97	Ford F-450 Super Duty Pickup 2WD		
06-07	Dodge Ram 1500 Mega Cab 4WD	K3177	Rear
03-07	Dodge Ram 2500/3500 4WD		
93-98	Jeep Grand Cherokee (all models)	K3175	Rear
87-95	Jeep Wrangler (all models)		
97-06	Jeep Wrangler Track Bar Only	DS1461	Rear

Symptoms

Track bars are used on truck-based coil spring suspension systems to help prevent the axle from moving front or back or from side to side.



Typically the track bar is attached on one end to the frame and the other end the axle. Often, the bushings used to attach the track bar wear out and create vehicle wander, shimmy and excessive noise. Bushing wear can be aggravated by off-road or rough road use, dirty and dusty conditions, and other factors.

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