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Adjustable Bump Steer Tie-Rod Assemblies for Classic Mustangs and Other Early Fords



Bump Steer Kits

The TCP bump steer kit replaces the factory outer tie-rod and adjusting sleeve with an extended billet steel sleeve and high strength 4130-body rod end, unlike competitor's low-grade mild steel rod ends. The tapered stud along with a selection of shims enable vertical adjustment of the outer pivot point at the steering arm. This added adjustment variable allows the vehicles suspension travel toe-in characteristics to be altered for improved steering predictability. Kits are available with or without inner tie rods.

What is Bump Steer?

Bump Steer is the change in "toe", or left to right angle, as the suspension moves through its range of motion. Bump steer is most evident on rough road surfaces, during hard cornering or under heavy braking. Early Fords inherently came from the manufacturer with a tendency to toe-out as the suspension loads. With proper installation and settings, the TCP bump steer kit can minimize and in some cases virtually eliminate the bump steer affect, making handling more consistent and predictable.

Installation/Set-up

Installation of this kit requires the suspension to be moved through its range of travel and the toe measured at the extremes of the range and at ride height. This can be accomplished at home using a bump steer gauge but we recommend taking your vehicle to a qualified alignment shop.

Applications

Make	Model	Year	Sleeves and Outer*	Sleeves with Inner & Outer		
				For OEM Spindle	For TCP SPND-01 Mustang 70-73	For TCP SPND-04 Granada 75-80
Ford	Fairlane	1967-1969	TCP TIER-09	TCP TIER-12	TCP TIER-15	TCP TIER-23
		1970	TCP TIER-10	TCP TIER-13	TCP TIER-13	TCP TIER-24
	Falcon	1960-1962	TCP TIER-08	TCP TIER-11 ¹	TCP TIER-14 ¹	TCP TIER-22 ¹
		1963-1964	TCP TIER-08	TCP TIER-11 ¹	TCP TIER-14 ¹	TCP TIER-22 ¹
		1965	TCP TIER-08	TCP TIER-11 ^{1 or 2}	TCP TIER-14 ^{1 or 2}	TCP TIER-22 ¹
		1967-1970	TCP TIER-09	TCP TIER-12	TCP TIER-15	TCP TIER-23
	Maverick	1970-1972	TCP TIER-10	TCP TIER-13	TCP TIER-13	TCP TIER-24
	Mustang	1964	TCP TIER-08	TCP TIER-11 ¹	TCP TIER-14 ¹	TCP TIER-22 ¹
		1965-1966	TCP TIER-08	TCP TIER-11 ^{1 or 2}	TCP TIER-14 ^{1 or 2}	TCP TIER-22 ¹
		1967-1969	TCP TIER-09	TCP TIER-12	TCP TIER-15	TCP TIER-23
		1969 (Boss)	TCP TIER-10	TCP TIER-13	TCP TIER-13	TCP TIER-24
		1970-1973	TCP TIER-10	TCP TIER-13	TCP TIER-13	TCP TIER-24
	Ranchero	1960-1961	TCP TIER-08	TCP TIER-11 ¹	TCP TIER-14 ¹	TCP TIER-22 ¹
		1962-1964	TCP TIER-08	TCP TIER-11 ¹	TCP TIER-14 ¹	TCP TIER-22 ¹
		1965	TCP TIER-08	TCP TIER-11 ^{1 or 2}	TCP TIER-14 ^{1 or 2}	TCP TIER-22 ¹
		1967-1969 ³	TCP TIER-09	TCP TIER-12	TCP TIER-15	TCP TIER-23
		1970-1971	TCP TIER-10	TCP TIER-13	TCP TIER-13	TCP TIER-24
	Torino	1968-1969	TCP TIER-09	TCP TIER-12	TCP TIER-15	TCP TIER-23
		1970-1971	TCP TIER-10	TCP TIER-13	TCP TIER-13	TCP TIER-24
	Mercury	Comet	1960-1962	TCP TIER-08	TCP TIER-11 ¹	TCP TIER-14 ¹
1963-1964			TCP TIER-08	TCP TIER-11 ¹	TCP TIER-14 ¹	TCP TIER-22 ¹
1965			TCP TIER-08	TCP TIER-11 ^{1 or 2}	TCP TIER-14 ^{1 or 2}	TCP TIER-22 ¹
1967-1969			TCP TIER-09	TCP TIER-12	TCP TIER-15	TCP TIER-23
1970-1972			TCP TIER-10	TCP TIER-13	TCP TIER-13	TCP TIER-24
Cougar		1967-1969	TCP TIER-09	TCP TIER-12	TCP TIER-15	TCP TIER-23
		1967-1969 (Eliminator)	TCP TIER-10	TCP TIER-13	TCP TIER-13	TCP TIER-24
		1970	TCP TIER-10	TCP TIER-13	TCP TIER-13	TCP TIER-24
		1971-1972	TCP TIER-10	TCP TIER-13	TCP TIER-13	TCP TIER-24
Cyclone		1964	TCP TIER-08	TCP TIER-11 ¹	TCP TIER-14 ¹	TCP TIER-22 ¹
		1965	TCP TIER-08	TCP TIER-11 ^{1 or 2}	TCP TIER-14 ^{1 or 2}	TCP TIER-22 ¹
		1967-1969	TCP TIER-09	TCP TIER-12	TCP TIER-15	TCP TIER-23
		1970-1971	TCP TIER-10	TCP TIER-13	TCP TIER-13	TCP TIER-24
Montego		1968-1969 ³	TCP TIER-09	TCP TIER-12	TCP TIER-15	TCP TIER-23
		1970-1971 ³	TCP TIER-10	TCP TIER-13	TCP TIER-13	TCP TIER-24

* - Verify tie rod shaft diameter prior to ordering. (Shaft = .688")

1 - Installation requires TCP Rack and V8 spindles

2 - V8 with OEM Manual Steering

3 - Excludes - Boss Mustang, Police/Taxi Montego

All prices subject to change. Current pricing available at www.cachassisworks.com.



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