

Technical Service Bulletin



Of Interest ☐ General Manager ☐ Sales Manager ☐ Service Manager ☐ Parts Manager ☐ Service Technicians

Chrysler Corporation will use a Quick Ratio Power Steering Gear (Identical to the 1970 Trans Am Quick Ratio) on 1971 Challengers equipped with 340 C.I.D. engines. The production change to the quick ratio power steering gear is scheduled to enter production approximately February 1, 1971.

The use of the quick ratio gear will require a special longer steering gear arm and special high pressure pump. The special longer steering arm will require a new front side rail lower splash shield and seal.

Parts	Up To (Conventional)	After (Quick Ratio)	Quick Ratio Power Steering Gear
P/S chuck Assembly	2537736	2537749	
Steering Gear Arm Assembly	2835880	2948713	
P/S Pump Assembly	2891218	3004799	
Splash Shield	3404435	3583003	
Splash Shield Seal	--	3583004	
Hose	(2891208) (2891319)	(2891208) (2891319)	

Note: The above parts are not interchangeable.

Note: The After part numbers will not appear for the 1971 models in the the 1970-71 Parts Catalogue. For replacement parts use the 1970 Trans Am part numbers.

A way to identify the type of gear used on the car is to turn the steering wheel as follows:

1. The quick ratio power steering gear will have 2-5/8 turns of the steering wheel from lock to lock.
2. The conventional steering gear will have 3-1/2 turns of the steering wheel from lock to lock.

(Over)

June 23, 1971

No. D71-19-4

STEERING

Quick Ratio
Power Steering
Gear

MODELS: 1971
Challenger
With 340 C.I.D.
Engine

P-1739-C

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Dodge



COLT/CHALLENGER/CHARGER/CORONET/DART/MONACO/POLARA

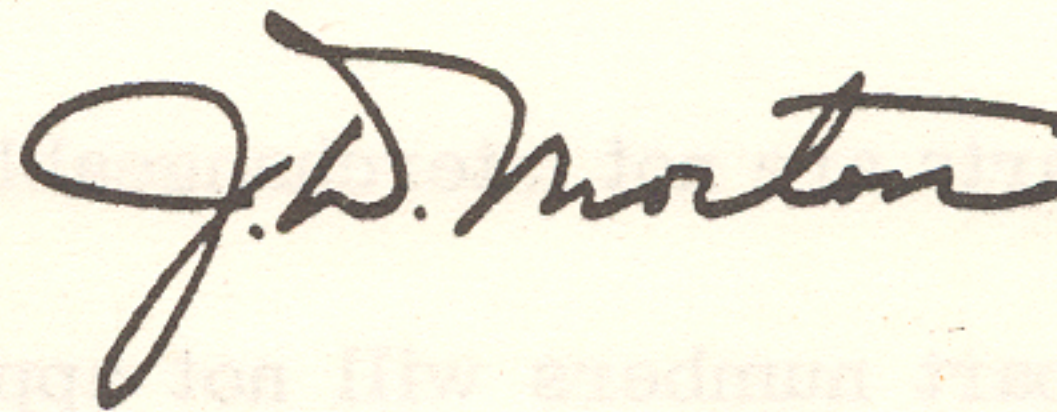
Should it become necessary to rebuild a quick ratio power steering unit, it is fundamentally a "C" body unit except as follows:

	<u>Standard "C" Body</u>	<u>Quick Ratio</u>
Sector Shaft	2537776	2948893
Housing Assembly	3579526	3579528
Cylinder Head Assembly	1823157	2948896

Note: The above parts are not interchangeable.

Should the occasion arise where the owner of a quick ratio gear is under a hardship for the use of his car due to a parts or service delay, the conventional gear may be substituted providing:

1. That the complete conventional power steering chuck assembly P.N. 2537736 is used to replace the quick ratio steering chuck assembly P.N. 2537749.
2. That the conventional steering gear arm assembly P.N. 2835880 is used to replace the quick ratio arm P.N. 2948713.
3. That the owner is to be made fully aware of differential in the ratio aspect between the two gears.



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