

1956 - 1968 Corvette: Chevrolet Service News: Connecting Rod Bolt Usage



The connecting rod bolt usage information below applies to all Corvettes from 1956 to 1968. This information was not in earlier shop manuals.

Subject: Connecting Rod Bolt Usage

Model and Year: 1956 - 1968 Corvette

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Connecting Rod Bolt Usage

A new connecting rod assembly incorporating a 7/16" diameter connecting rod bolt is being used in late built Corvette R.P.O. L-88 (427 cu. in., 430 H.P.) engines and heavy duty M4 service engines. Early built R.P.O. L-88 engines and all other 427 cu. in. engines incorporate the 3/8" diameter bolt. The connecting rod nut used on the 7/16" diameter bolt should be torqued to 70 ft.-lbs.; the 3/8" diameter bolt nut should be torqued to 45 ft.-lbs.

Due to considerable variance between connecting rod bolt usages, a chart has been included in this article giving a listing of connecting rod applications by model year and by part number. Figure 4 illustrates the configuration of the dif-

ferent connecting rod bolts and the correct torque specifications for their nuts.

CONNECTING ROD BOLT USAGE CHART

YEAR	APPLICATION	PART NO.	
1968	Corvair	6255636	
	4 & 6 cylinder engines (except 292)	3892670	
	292 cu. in. engine	3789421	
	307, 327, & 350 cu. in. engine	3916399	
	366, 396 & 427 (except Corvette RPO L-88 2nd Design) cu. in. engine	3862720	
	Corvette RPO L-88 2nd Design (427 cu. in., 430 H.P.) [Ⓛ]	3942409	
1967	Corvair	6255636	
	4 & 6 cylinder engines (except 292)	3892670	
	292 cu. in. engine	3789421	
	283, 327 & 350 cu. in. engine	3892670	
	366, 396 & 427 cu. in. engine	3862720	
1963-1966	Corvair	6255636	
	4 & 6 cylinder (except 292 engine & 1963 L-6 engine used in K Series Trucks)	3892670	
	292 cu. in. engine	3789421	
	L-6 engine used in 1963 K Series Trucks	3836670	
	V-8 engines (except 348, 409, 366, 396 & 427)	3892670	
	348 & 409 (except Special High Performance RPO Z-11)	3732718	
	Special High Performance 409 engine (RPO Z-11) offered in 1963	3837689	
	366, 396 & 427 cu. in. engine	3862720	
	1962	Corvair	6255636
		6 cylinder engines (except Chevy II)	3836670
Chevy II 4 & 6 cylinder engine		3892670	
V-8 engines (except 348 & 409 engines)		3892670	
348 & 409 cu. in. engine		3732718	
1956 [Ⓛ] -1961	Corvair	6255636	
	6 cylinder engines	3836670	
	V-8 engines (except 348 & 409 engines)	3892670	
	348 & 409 cu. in. engine	3732718	

[Ⓛ]Also used in Heavy Duty M4 service engines.

[Ⓜ]For model years prior to 1956 reference Parts Catalog under group 0.623.

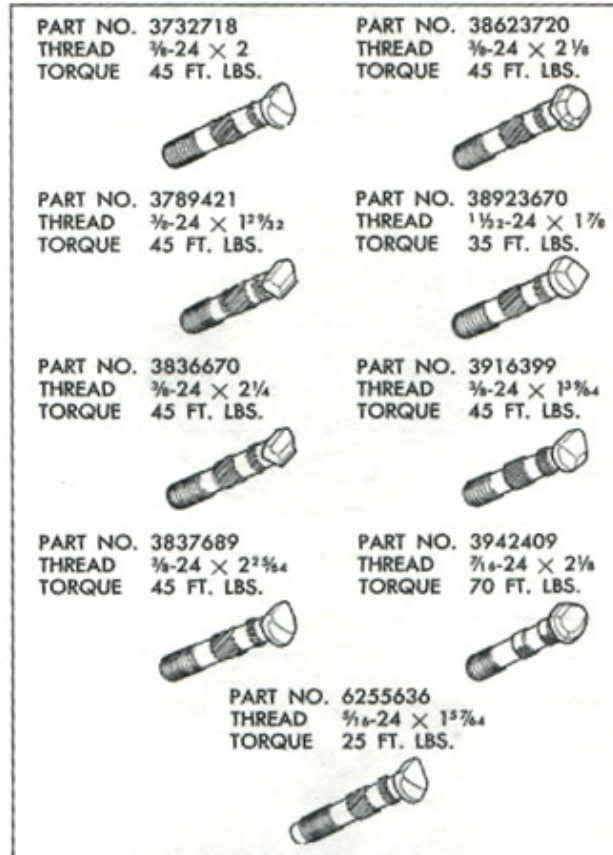


Fig. 4—Connecting Rod Bolt Configuration

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