

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

Source: Chevrolet Service News

Page Number: NA

Date: August 1968

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.) ^①	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 ^② -1961	Corvair	6255636
	6 cylinder engines	3836670
	V-8 engines (except 348 & 409 engines)	3892670
	348 & 409 cu. in. engine	3732718

^①Also used in Heavy Duty M4 service engines.

^②For model years prior to 1956 reference Parts Catalog under group 0.623.

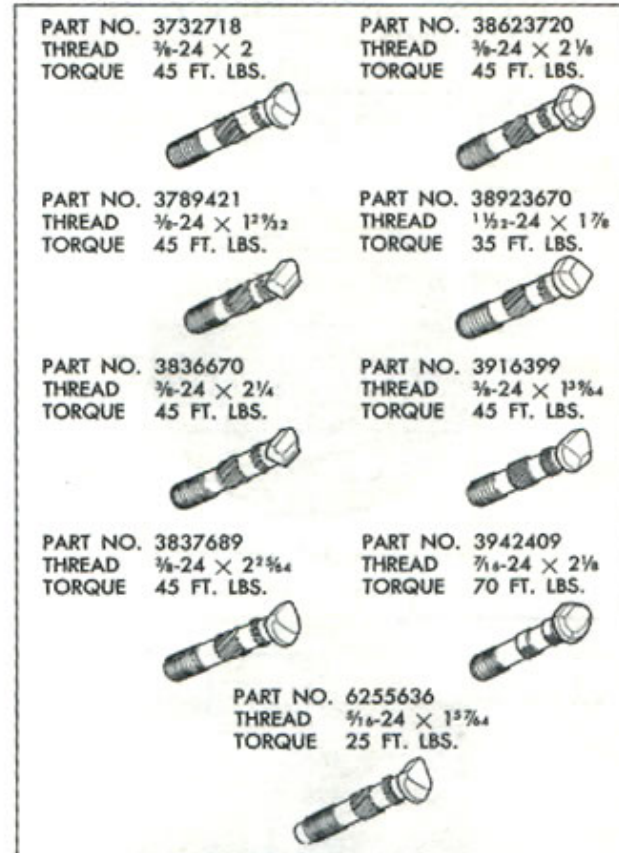


Fig. 4—Connecting Rod Bolt Configuration

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