## 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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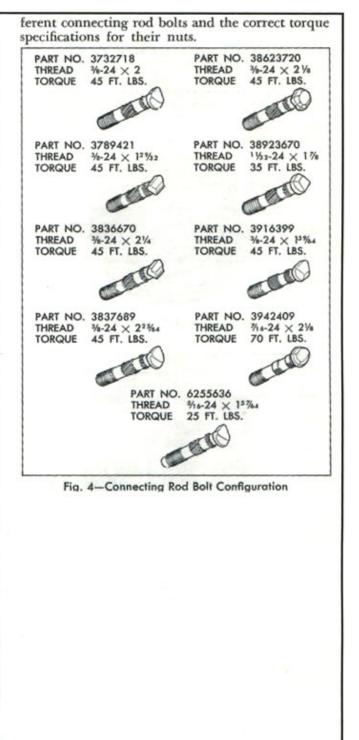
## **Connecting Rod Bolt Usage**

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-

| YEAR       | APPLICATION   | PART NO |
|------------|---|---------|
| 1968       | Corvair   | 6255636 |
|            | # & 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<br>2nd Design) cu. in. engine          | 3862720 |
|            | Corvette RPO L-88 2nd Design (427 cu. in.,<br>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<br>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<br>RPO Z-11)                         | 3732718 |
|            | Special High Performance 409 engine<br>(RPO Z-11) offered in 1963               | 3837689 |
|            | 365, 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 |

CONNECTING ROD BOLT USAGE CHART



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