

1953 - 1964 Corvette: Parts Mart: Pistons with Pins - Piston Ring Specifications

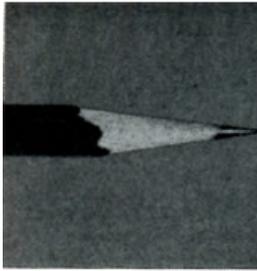
Subject: Handy Reference Charts - Genuine Chevrolet Pistons with Pins - Piston Rings

Model and Year: 1953 - 1964 Chevrolet Vehicles

Source: Chevrolet Parts Mart

Date: August 1964

The following charts showing specifications and part numbers for piston with pin assemblies and piston rings are an invaluable resource for anyone doing an engine overhaul on a 1953 - 1964 Corvette.



Handy Reference Charts — Ge

PISTON ASSEMBLIES WITH PINS

CHEVROLET

| | STD. | .001-O.S. | .020-O.S. | .030-O.S. | .040-O.S. |
|---|----------|-----------|-----------|-----------|-----------|
| 41-53 ALL (216)..... | 605276 | — | 605279 | 605280 | 605281 |
| 41-52 ALL (235)..... | | | | | |
| 53 ALL (235) (exc. P.G.)..... | 3693984* | 3699256* | 3693994* | 3693995* | 3693996* |
| 53 PASS., CORVETTE w/P.G. (aluminum), CORVETTE (6 cyl.)..... | | | | | |
| 54-62 ALL (235)..... | 3707453 | 3707473 | 3707454 | 3707455 | 3707456 |
| 54-55 ALL (261) (1st Ser.),..... | | | | | |
| 62 ALL (261)..... | 3758650 | 3707474 | 3758652 | 3758653 | 3758654 |
| 55-56 ALL, CORVETTE (265)..... | 3732021 | 3732023 | 3732025 | 3732027 | 3732029 |
| 57 ALL (265)..... | 3739876 | 3739878 | 3739880 | 3739882 | 3739884 |
| 57-61 ALL, CORVETTE (283) (exc. F.I. w/H.L. Cam), ALL (283)..... | 3729886 | 3739888 | 3739890 | 3739892 | 3739894 |
| 57-60 PASS., CORVETTE (F.I. w/H.L. Cam.) (L.H.)..... | 3746289 | 3746285 | — | 3746239 | — |
| 57-60 PASS., CORVETTE (F.I. w/H.L. Cam.) (R.H.)..... | 3746290 | 3746286 | — | 3746240 | — |
| 58-61 PASS. w/3 2BC (348) (cyl. 2-3-6 & 7)..... | 3815708 | 3815941 | — | 3815943 | — |
| 58-61 PASS. w/3 2BC (348) (cyl. 1-4-5 & 8)..... | 3815709 | 3815942 | — | 3815944 | — |
| 58-60 PASS. (348) (exc. H.L. Cam, H/Per., Sp. H/Per.), PASS. (348) (exc. H/Per. w/H.L. Cam, Sp. H/Per.)..... | 3751995 | 3751997 | 3751999 | 3752001 | 3752003 |
| 58-60 PASS. w/H.L. Cam, H/Per. (348) (cyl. 1-4-5 & 8) (exc. 3/2BC)..... | 3815709 | 3781348 | — | 3765149 | — |
| 60-61 PASS. w/Sp. H/Per. (348) (exc. 3/2BC), PASS. (H/Per. W/H.L. Cam) (348) (cyl. 1-4-5 & 8)..... | 3815709 | 3781348 | — | 3815944 | — |
| 58-61 PASS. (H/Per. w/H.L. Cam) (348) (cyl. 2-3-6 & 7)..... | 3781342 | 3781346 | — | 3781350 | — |
| 60-61 PASS. W/Sp. H/Per. (348) (exc. 3/2BC), 61 CORVETTE w/F.I. (L.H.)..... | 3769731 | 3769733 | — | 3769735 | — |
| 61 CORVETTE w/F.I. (R.H.)..... | 3769732 | 3769734 | — | 3769736 | — |
| 62-63 PASS. (327), 62-63 CORVETTE (exc. Sp. H/Per., F.I.)..... | 3799491 | 3799492 | 3799493 | 3799494 | —† |
| 62-63 CORVETTE w/Sp. H/Per., F.I. (dome head)..... | 3799501 | 3799502 | — | 3799503 | — |
| 61-63 PASS. (409) (cyl. 1-4-5-8)..... | 3819577 | 3819579 | — | 3819380 | — |
| 61-63 PASS. (409) (cyl. 2-3-6-7)..... | 3819576 | 3819578 | — | 3819379 | — |
| 63 ALL (230), 63 Ser. 10 (D-D) (4 cyl.)..... | 3792534 | 3792536 | 3792538 | 3792540 | 3792542 |
| 63 ALL (292)..... | 3794494 | 3794495 | 3794496 | 3794497 | 3794498 |

*NOTE: When these pistons are installed on models prior to 1950 it will be necessary to use a Ring Unit which contains 3/32 top compression ring.

†NOTE: .040 O.S. Pistons are not serviced for this engine.

CHEVY II AND CHEVELLE

| | | |
|-------------------------------------|------------------|---------|
| 62-63 CHEVY (4 cyl.)..... | std..... | 3792534 |
| 64 CHEVY (4 cyl.)..... | | |
| 64 CHEVY, CHEVELLE (8 cyl.)..... | std..... | 3840148 |
| 62-64 CHEVY, CHEVELLE (6 cyl.)..... | std..... | 3791727 |
| 62-63 CHEVY (4 cyl.)..... | (.001 O.S.)..... | 3792536 |
| 64 CHEVY (4 cyl.)..... | | |
| 64 CHEVY, CHEVELLE (8 cyl.)..... | (.001 O.S.)..... | 3840150 |
| 62-64 CHEVY, CHEVELLE (6 cyl.)..... | (.001 O.S.)..... | 3791728 |
| 62-64 CHEVY (4 cyl.)..... | | |
| 64 CHEVY, CHEVELLE (8 cyl.)..... | (.020 O.S.)..... | 3840152 |
| 62-64 CHEVY, CHEVELLE (6 cyl.)..... | (.020 O.S.)..... | 3791729 |
| 62-64 CHEVY (4 cyl.)..... | | |
| 64 CHEVY, CHEVELLE (8 cyl.)..... | (.030 O.S.)..... | 3840154 |
| 62-64 CHEVY, CHEVELLE (6 cyl.)..... | (.030 O.S.)..... | 3791730 |
| 62-64 CHEVY (4 cyl.)..... | | |
| 64 CHEVY, CHEVELLE (8 cyl.)..... | (.040 O.S.)..... | 3840156 |
| 62-64 CHEVY, CHEVELLE (6 cyl.)..... | (.040 O.S.)..... | 3791731 |

NOTE: Corvair Cylinder Units are available. Give us a call.

Chevrolet Pistons with Pins—Piston Rings

PISTON RING SETS

CHEVROLET

| | STD. | .020 O.S. | .030 O.S. | .040 O.S. |
|---|------------|------------|------------|------------|
| 38-53 ALL (216)..... | 608201 | 608202 | 608203 | — |
| 38-53 ALL (216)..... | 3704008† | — | — | — |
| 41-49 ALL (235)..... | — | — | 608207 | 608208 |
| 41-49 ALL (235)..... | 3704052† | — | — | — |
| 50-52 ALL (235), | | | | |
| 53 ALL (235) (exc. P.G.)..... | 3696718* | 3696719* | 3696720* | — |
| 50-52 ALL (235), | | | | |
| 53 ALL (235) (exc. P.G.)..... | 3704030*† | — | — | 3704047*† |
| 53 PASS., CORVETTE w/P.G., | | | | |
| 54-62 ALL, CORVETTE (235)..... | 3713002†† | 3713003†† | 3713004†† | 3713005†† |
| 54-55 ALL (261) (1st Ser.), | | | | |
| 62 ALL (261)..... | 3731676†† | 3731681†† | 3731685†† | 3731689†† |
| 55-57 ALL, CORVETTE (265)..... | 3724998†† | 3724999†† | 3725000†† | 3725001†† |
| 57-63 ALL, CORVETTE (283), | | | | |
| 63 ALL (230), | | | | |
| 63 Ser. 10 (D-D) (4 cyl.)..... | 3747539††# | 3747549††# | 3747558††# | 3747567††# |
| 58-61 PASS. (348)..... | 3755462††‡ | 3755463††‡ | 3755464††‡ | 3755465††‡ |
| 58-61 PASS. w/H/Per., Sp. H/Per. (348)..... | 3815803‡ | 3815806‡ | 3815809‡ | — |
| 62-63 CORVETTE w/F.I., Sp H/Per..... | 3815798 | — | 3815795 | — |

*NOTE: These Ring Units contain a 3/32 top compression ring.

†NOTE: These Ring Units contain 3/32 compression rings.

††NOTE: Cromflex Ring Set having chrome-plated oil rings, top compression ring, and chrome-plated rail for middle compression ring.

‡NOTE: It is intended these rings be used for normal engine operation only.

‡‡NOTE: These special type rings should be used for sustained high-speed engine operation.

#NOTE: Only half of the components in this unit are required for 4 cyl. models; three quarters are required for 6 cyl. models.

CORVAIR—CHEVY II—CHEVELLE

| | | |
|----------------------------------|-------------------|----------|
| 60 ALL..... | (3.375 dia.)..... | 3785274 |
| 61-63 CORVAIR, F.C..... | (3.438 dia.)..... | 3798525 |
| 62-64 CHEVY (4 cyl.), | | |
| 64 CHEVY, CHEVELLE (8 cyl.)..... | std..... | 3747539* |
| 62-64 CHEVY, CHEVELLE (6 cyl.), | | |
| 64 CHEVY, CHEVELLE (TAXI) | | |
| (6 cyl.) (1st design)..... | std..... | 3791626 |
| 62-64 CHEVY (4 cyl.), | | |
| 64 CHEVY, CHEVELLE (8 cyl.)..... | (.020 O.S.)..... | 3747549* |
| 62-64 CHEVY, CHEVELLE (6 cyl.), | | |
| 64 CHEVY, CHEVELLE (TAXI) | | |
| (6 cyl.) (1st design)..... | (.020 O.S.)..... | 3791610 |
| 62-64 CHEVY (4 cyl.), | | |
| 64 CHEVY, CHEVELLE (8 cyl.)..... | (.030 O.S.)..... | 3747558* |
| 62-64 CHEVY (4 cyl.), | | |
| 64 CHEVY, CHEVELLE (8 cyl.)..... | (.040 O.S.)..... | 3747567* |
| 62-64 CHEVY, CHEVELLE (6 cyl.), | | |
| 64 CHEVY, CHEVELLE (TAXI) | | |
| (6 cyl.) (1st design)..... | (.040 O.S.)..... | 3838345 |

*NOTE: Only half the quantity of components in this unit are necessary for this model.

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