

# THE CORVAIR CATALOG

Full, detailed specs and images for every model year



R. Garrido



# INTRODUCTION

For the first time, a fully articulated bulk of technical data about the marvellous Chevrolet Corvair will try to make its way onto the vast ocean of automotive literature, in the form of a book displaying each model year dissected information, something hoped to delight specifications buffs like this writer.

The fantabulous Corvair was an actually innovative car unlike anything built in the era. Perhaps the short-lived, at-the-moment reviled 1948 Tucker Sedan, now a desired, massive animal made of rolling art and a pricey rarity for collectors ( also one the most liked cars by this narrator ), was somehow an inspiration for our subject. Both models had in common a rear-engined architecture propelled by an air-cooled boxer six engine, and were truly a noteworthy thing within the automotive market, like the unique central, third headlight featured on the aforementioned Tucker. Both models also received heavy criticism from the media, although the Corvair managed to roll on for a few years and make some respectable figures before such heat kicked in, mostly because it was a product by one of the Big Three ( suspected to pull the strings of the Tucker demise, along with some Michigan senator at the time ) and not a noble creation which produced such amount of beauty and magnificence.

The first Corvairs would make their way just before the turn of one of the most mind bending decades of our history, in all means. The very first model would be soon followed by the sporty Monza, a nameplate that got mated to the Corvairs until their end of production and the announcer, and discoverer, of a new kind of automobile: a budget, sports car. The scarce and ignored Station Wagon gave way to another delight: the Monza Convertible, and the first and only turbo-charged, boxer engine ever featured in the America market, truly boosting the sports image of the Monza. The 1964 Corvairs would refine to the most the first generation, improving its riding and quality. The arrival of the new generation in 1965 astonished everybody with a mouth-watering shape, still accompanied by the boxer six powerplants, now boosting a top of 180 horsepower on the Corsa Spyder models, the sportiest of all sporty Corvairs.

Sadly, the advent of the first muscle car, the Ford Mustang, released in April 1964, and the release of the 1965 Ralph Nader's book *Unsafe at Any Speed*, specifically its first chapter, dedicated to the Corvair, sentenced the car, which saw how the sales plummeted ( from more than 230,000 units of the 1965 model built, to barely more than 100,000 units in 1966, and less than 30,000 units in 1967 ), never recovering and loquaciously expressing the loss of confidence given by a misguided, heavily published notion of the Corvair handling. Despite the completely renewed and improved suspension, which only increased a driving safety which existed since the very beginning of the production in late 1959, production lowered to a pitiful 6,000 number of its last model year. The affirmations made about the Corvair handling were debunked in 1972 by a safety commission from the Texas A&M University, but it was extremely late for the untimely demise of such an avant-garde car.

This book will try its best to pay homage to the Corvair, and it is for all of you, for free.

R. Garrido

Barcelona, April 2023

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# FIRST GENERATION CORVAIRS





# 1960

*Introduced on October 2, 1959*

## LIST OF MODELS INTRODUCED

**October 1959:** 500 4-Door Sedan, 700 Deluxe 4-Door Sedan.

**January 1960:** 500 2-Door Club Coupe, 700 Deluxe 2-Door Club Coupe added.

**April 1960:** Monza 2-Door Club Coupe added.

## CHANGES

*Mechanical changes:*

New Super Turbo-Air engine added in February 1960.

## 2.3 - 80 HP 2 carburetors

### **Models and weights:**

#### Corvair 500 140 Turbo-Air

4-Door Sedan, 4 doors, 6 seats; 1,046 kg.

2-Door Club Coupe, 2 doors, 6 seats; 1,030 kg.

#### Corvair 700 Deluxe 140 Turbo-Air

4-Door Sedan, 4 doors, 6 seats; 1,050 kg.

2-Door Club Coupe, 2 doors, 6 seats; 1,039 kg.

#### Corvair 900 Monza 140 Turbo-Air

2-Door Club Coupe, 2 doors, 5 seats; 1,034 kg.

Optional Powerglide gearbox: 10 kg plus.

Extra weights: radio 5 kg, heater 10 kg.

### **Engine specs ( SAE gross ):**

6 horizontally opposed cylinders ( 85.725 x 66.278 mm ); 2,295 ccm displacement; compression ratio 8.00 : 1; horsepower output 80 HP at 4,400 rpm; specific output 34.9 HP / litre; torque output 170 Nm ( 17.3 kpm ) at 2,400 rpm; fuel required: regular petrol.

Net horsepower output: 65 HP at 3,600 rpm; specific output 28.3 HP / litre.

### **Engine ( building ):**

General Motors Chevrolet Turbo-Air Six 140 design. Longitudinally mounted rear-engine; light alloy engine block and cylinder head; two overhead valves per cylinder; central camshaft with sprockets; four main bearings. Two Rochester downdraft carburetors; AC 44FF spark plugs; air-cooled engine, with horizontal, centrifugal blower; 3.8 litres of oil; 12 V 35 / 40 Ah battery, 425 W dynamo.

### **Transmission ( rear-wheel drive ):**

Standard manual gearbox: monodisc clutch, 23.1 cm diameter; 0.9 litres of transmission oil; 1.4 litres of final drive oil.

Optional automatic gearbox: 2.8 litres of transmission oil; 1.4 litres of final drive oil.

Standard three speed manual gearbox, 2<sup>nd</sup> and 3<sup>rd</sup> gears synchronised, floor-mounted shift lever, ratios: 1<sup>st</sup> 3.22, 2<sup>nd</sup> 1.84, 3<sup>rd</sup> 1, reverse 3.65. Final drive ratio ( hypoid differential ): 3.556 ( 9/32 ) or 3.889 ( 9/35 ).

Optional two speed automatic gearbox ( Powerglide Corvair ), L-D-N-R positions, range selector on instrument panel, ratios: Low 1.82, Direct 1, reverse 1.82. Final drive ratio ( hypoid differential ): 3.556 ( 9/32 ). Torque converter factor: 2.6 : 1.

### **Platform:**

Body frame integral; front and rear independent suspension, front wishbones with coil springs, rear swing axle with longitudinal struts and coil springs; hydraulic telescopic shock absorbers.

### **Drivetrain:**

Four hydraulic drum brakes, 22.8 cm diameter; mechanical rear-wheel handbrake; recirculating ball steering type, overall ratio 23.5 : 1; 42 litres fuel tank; 6.50 - 13 tyres, 5.5 J rims, 4-ply tubeless tyres.

### **Dimensions:**

274.3 cm wheelbase, 137.2 / 137.2 cm tracks, 12.65 / 11.98 metres turning circle ( between walls / curbs ), 15.2 cm ground clearance, 457.2 cm length, 169.9 cm width, 130.3 cm height.

Trunk capacity: 320 cdm ( front ) + 122 cdm ( rear; 498 cdm with folded seats ).

Interior dimensions:

Front: 108.7 cm legroom, 86.4 cm headroom, 137.2 cm shoulder room, 146.8 cm hip room.

Rear: 92.7 cm legroom, 84.8 cm headroom, 135.9 cm shoulder room, 146.3 cm hip room.

### **Performance:**

Maximum speed ( estimated ) 145 kph; 1,000 rpm speed in highest gear 31.9 kph; weight / power ratio from 12.9 kg / HP; fuel consumption ( estimated ) 10 to 20 litres / 100 km.

Powerglide gearbox: Maximum speed ( estimated ) 140 kph; fuel consumption ( estimated ) 11 to 18 litres / 100 km.

## 2.3 - 95 HP 2 carburetors

As 140 Turbo-Air, except for:

### Models and weights:

#### Corvair 700 Deluxe 140 Super Turbo-Air

4-Door Sedan, 4 doors, 6 seats; 1,050 kg.

2-Door Club Coupe, 2 doors, 6 seats; 1,039 kg.

#### Corvair 900 Monza 140 Super Turbo-Air

2-Door Club Coupe, 2 doors, 5 seats; 1,034 kg.

Extra weights: radio 5 kg, heater 10 kg.

### Engine specs ( SAE gross ):

6 horizontally opposed cylinders ( 85.725 x 66.278 mm ); 2,295 ccm displacement; compression ratio 8.00 : 1; horsepower output 95 HP at 4,800 rpm; specific output 41.4 HP / litre; torque output 170 Nm ( 17.3 kpm ) at 2,800 rpm; fuel required: regular petrol.

Net horsepower output: unknown.

### Engine ( building ):

Special camshaft; modified exhaust system.

### Transmission ( rear-wheel drive ):

Standard three speed manual gearbox, 2<sup>nd</sup> and 3<sup>rd</sup> gears synchronised, floor-mounted shift lever, ratios: 1<sup>st</sup> 3.22, 2<sup>nd</sup> 1.84, 3<sup>rd</sup> 1, reverse 3.65. Final drive ratio ( hypoid differential ): 3.556 ( 9/32 ) or 3.889 ( 9/35 ).

Optional four speed manual gearbox ( only for 900 Monza ), all gears synchronised, floor-mounted shift lever, ratios: 1<sup>st</sup> 3.65, 2<sup>nd</sup> 2.35, 3<sup>rd</sup> 1.44, 4<sup>th</sup> 1, reverse 3.66. Final drive ratio ( hypoid differential ): 3.556 ( 9/32 ) or 3.889 ( 9/35 ).

### Performance:

Maximum speed ( estimated ) 150 kph; 1,000 rpm speed in highest gear 31.9 kph; weight / power ratio from 10.9 kg / HP; fuel consumption ( estimated ) 10 to 20 litres / 100 km.

Four speed manual gearbox: Fuel consumption ( estimated ) 10 to 18 litres / 100 km.

### Price list and production:

Model	Base price	Production
500 4-Door Sedan	\$2,038	47,683
500 2-Door Club Coupe	\$1,984	14,628
700 Deluxe 4-Door Sedan	\$2,103	139,208

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700 Deluxe 2-Door Club Coupe	\$2,049	36,562
900 Monza 2-Door Club Coupe	\$2,238	11,926
<b>TOTAL</b>		250,007

### Standard equipment:

**500:** electric windshield wipers, left-hand sun visor, turn signals, single key lock system, front ashtray, push-button door handles, front foam seat cushions, centre dome light. **700 Deluxe adds:** left and right-hand sun visors, chrome exterior mouldings, front armrests, cigarette lighter, dual horns, automatic front door dome light switches, luggage compartment mat, colour-keyed floor mats. **900 Monza adds:** bucket seats with chrome trim, stainless steel rocker sill mouldings, special wheel covers, bright metal seat and armrest mouldings, chrome simulated rear deck air vents, folding rear seats, rear ashtrays, glovebox light.

### Optional equipment:

Four speed manual gearbox ( \$65, only 900 Monza 140 Super Turbo-Air ); Powerglide gearbox ( \$146, only 140 Turbo-Air engine ); 3.889 final drive ratio ( \$2 ); Super Turbo-Air engine ( \$27, except 500 ); heavy duty 40 Ah battery ( \$3 ); heater ( \$74 ); front seat belts ( \$20 ); padded dash ( \$18 ); Soft Ray tinted glass ( \$27 ); electric clock ( \$16 ); folding rear seats ( \$32 ); manual radio ( \$54 ); pushbutton AM radio ( \$57 ); whitewall tyres ( \$21 ); wheel trim rings ( \$11 ). Comfort and Convenience Group ( \$32, including left outside rear-view mirror, push-button windshield washers, back up lights and glovebox light ). Deluxe Body Equipment Group ( \$11, for 500, including cigarette lighter, right-hand sun visor and front armrests ).

### List of paint colours:

	900	Tuxedo Black
	903	Cascade Green Iridescent
	905	Jade Green Iridescent
	910	Horizon Blue Iridescent
	912	Royal Blue Iridescent
	915	Tasco Turquoise Iridescent
	920	Suntan Copper Iridescent
	923	Roman Red
	925	Crocus Cream
	936	Ermine White
	938	Fawn Beige
	940	Sateen Silver Iridescent

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	941	Shadow Gray Iridescent
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**List of interior trims available:**

Corvair 500		
		Gray Fabric & Silver Vinyl
Corvair 700 Deluxe		
		Gray Fabric & Silver Vinyl
		Green Fabric & Vinyl
		Blue Fabric & Vinyl
Corvair 900 Monza		
		Red Vinyl
		Green Vinyl
		Blue Vinyl
		Turquoise Vinyl

**VIN identifier (twelve digit code):**

First digit: 0 for 1960.

Second and third digits: Series ( 05 for 500, 07 for 700 Deluxe, 09 for 900 Monza ).

Fourth and five digits: Body style ( 27 for 2-Door Club Coupe, 69 for 4-Door Sedan ).

Sixth digit: a letter identifying the assembly plant ( Atlanta, GA (A); Baltimore, MD (B); Flint, MI (F); Framingham, MA (G); Janesville, WI (J); Kansas City, MO (K); Los Angeles, CA (L); Norwood, OH (N); Oakland, CA (O); St. Louis, MO (S); Tarrytown, NY (T); Willow Run, MI (W) ).

Seventh to twelfth digits: Serial number, starting on 100001 and up.

**THE 1960 MODELS**



**Corvair 500 4-Door Sedan**



**Corvair 500 2-Door Club Coupe**



**Corvair 700 Deluxe 4-Door Sedan**



**Corvair 700 Deluxe 2-Door Club Coupe**



**Corvair 900 Monza 2-Door Club Coupe**

**1961**

*Introduced on October 8, 1960*

**LIST OF MODELS ADDED**

**October 1960:** 500 Lakewood Station Wagon, 700 Deluxe Lakewood Station Wagon.

**April 1961:** 900 Monza 4-Door Sedan.

**CHANGES**

*Mechanical changes:*

Engine displacement increased; Super Turbo-Air engine available to all models, with a slightly increased output; four speed manual gearbox available to all models; increased front trunk capacity by allocating the spare

wheel to the engine bay ( except Wagon and when fitted with air-conditioning ); increased fuel tank capacity.

*Styling changes:*

New convex nose panel; Chevrolet lettering replaced by a "Corvair" lettering; wider front Chevrolet insignia; 500 series nameplate relocated.

## **2.4 - 80 HP 2 carburetors**

### **Models and weights:**

#### **Corvair 500 145 Turbo-Air**

4-Door Sedan, 4 doors, 6 seats; 1,068 kg.

2-Door Club Coupe, 2 doors, 5 seats; 1,052 kg.

4-Door Lakewood Station Wagon, 4 doors, 6 seats; 1,148 kg.

#### **Corvair 700 Deluxe 145 Turbo-Air**

4-Door Sedan, 4 doors, 6 seats; 1,080 kg.

2-Door Club Coupe, 2 doors, 5 seats; 1,066 kg.

4-Door Lakewood Station Wagon, 4 doors, 6 seats; 1,159 kg.

#### **Corvair 900 Monza 145 Turbo-Air**

4-Door Sedan, 4 doors, 6 seats; 1,098 kg.

2-Door Club Coupe, 2 doors, 4 seats; 1,086 kg.

Optional Powerglide gearbox: 10 kg plus.

Extra weights: radio 5 kg, heater 10 kg.

### **Engine specs ( SAE gross ):**

6 horizontally opposed cylinders ( 87.313 x 66.278 mm ); 2,381 ccm displacement; compression ratio 8.00 : 1; horsepower output 80 HP at 4,400 rpm; specific output 33.6 HP / litre; torque output 174 Nm ( 17.8 kpm ) at 2,300 rpm; fuel required: regular petrol.

Net horsepower output: 65 HP at 3,600 rpm; specific output 27.3 HP / litre.

### **Engine ( building ):**

General Motors Chevrolet Turbo-Air Six 145 design. Longitudinally mounted rear-engine; light alloy engine block and cylinder head; two overhead valves per cylinder; central camshaft with sprockets; four main bearings. Two Rochester downdraft carburetors; AC 46FF spark plugs; air-cooled engine, with horizontal, centrifugal blower; 3.8 litres of oil; 12 V 35 / 40 Ah battery, 430 W dynamo, optional 35 A alternator.

### **Transmission ( rear-wheel drive ):**

Standard manual gearbox: monodisc clutch, 20.3 cm diameter; 0.9 litres of transmission oil; 1.4 litres of final drive oil.

Optional automatic gearbox: 2.8 litres of transmission oil; 1.4 litres of final drive oil.

Standard three speed manual gearbox, 2<sup>nd</sup> and 3<sup>rd</sup> gears synchronised, floor-mounted shift lever, ratios: 1<sup>st</sup> 3.5, 2<sup>nd</sup> 1.99, 3<sup>rd</sup> 1, reverse 3.97. Final drive ratio ( hypoid differential ): 3.273 ( 11/36 ) or 3.556, Wagon: 3.556 ( 9/32 ) or 3.889 ( 9/35 ).

Optional four speed manual gearbox, all gears synchronised, floor-mounted shift lever, ratios: 1<sup>st</sup> 3.65, 2<sup>nd</sup> 2.35, 3<sup>rd</sup> 1.44, 4<sup>th</sup> 1, reverse 3.66. Final drive ratio ( hypoid differential ): 3.273 ( 11/36 ) or 3.556 ( 9/32 ), Wagon: 3.556 ( 9/32 ) or 3.889 ( 9/35 ).

Optional two speed automatic gearbox ( Powerglide Corvair ), L-D-N-R positions, range selector on instrument panel, ratios: Low 1.82, Direct 1, reverse 1.82. Final drive ratio ( hypoid differential ): 3.273 ( 11/36 ) or 3.556 ( 9/32 ), Wagon: 3.556 ( 9/32 ) or 3.889 ( 9/35 ). Torque converter factor: 2.6 : 1.

Sedan and Coupe models fitted with air conditioning: standard 3.556 ( 9/32 ) final drive ratio, optional 3.273 ( 11/36 ).

### **Platform:**

Body frame integral; front and rear independent suspension, front wishbones with coil springs, rear swing axle with longitudinal struts and coil springs; hydraulic telescopic shock absorbers.

### **Drivetrain:**

Four hydraulic drum brakes, 22.8 cm diameter; mechanical rear-wheel handbrake; Saginaw recirculating ball steering type, overall ratio 23.5 : 1; 53 litres fuel tank; 6.50 - 13 ( Wagon 7.00 - 13 ) tyres, 5.5 J ( Wagon 6 J ) rims, 4-ply tubeless tyres.

### **Dimensions:**

274.3 cm wheelbase, 137.2 / 137.2 cm tracks, 12.01 / 11.61 metres turning circle ( between walls / curbs ), 15.2 cm ground clearance, 457.2 cm length, 170.2 cm width, 130.8 cm ( Wagon 135.9 cm ) height.

Trunk capacity: 357 cdm ( front; 283 cdm when fitted with air conditioning ) + 122 cdm ( rear; 498 cdm with folded seats ). Wagon: 283 cdm ( front ) + 1,359 cdm ( rear; 1,643 cdm with folded seats ).

Interior dimensions:

Front: 111.8 cm legroom, 85.1 cm ( Wagon 86.4 cm ) headroom, 137.2 cm shoulder room, 148.6 cm hip room.

Rear: 92.7 cm legroom, 85.1 cm ( Wagon 86.4 cm ) headroom, 132.1 cm ( Wagon 135.9 cm ) shoulder room, 147.3 cm hip room.

## Performance:

Maximum speed ( estimated ) 150 kph, Wagon 140 kph; 1,000 rpm speed in highest gear 34.6 kph, Wagon 31.9 kph; weight / power ratio from 13.2 kg / HP; fuel consumption (estimated) 10 to 21 litres / 100 km, Wagon 11 to 22 litres / 100 km.

Four speed manual gearbox: Fuel consumption ( estimated ) 10 to 17 litres / 100 km, Wagon 11 to 18 litres / 100 km.

Powerglide gearbox: Maximum speed ( estimated ) 145 kph, Wagon 135 kph; fuel consumption ( estimated ) 11 to 18 litres / 100 km, Wagon 11 to 19 litres / 100 km.

## 2.4 - 98 HP 2 carburetors

As 145 Turbo-Air, except for:

### Models and weights:

#### Corvair 500 145 Super Turbo-Air

4-Door Sedan, 4 doors, 6 seats; 1,068 kg.

2-Door Club Coupe, 2 doors, 5 seats; 1,052 kg.

4-Door Lakewood Station Wagon, 4 doors, 6 seats; 1,148 kg.

#### Corvair 700 Deluxe 145 Super Turbo-Air

4-Door Sedan, 4 doors, 6 seats; 1,080 kg.

2-Door Club Coupe, 2 doors, 5 seats; 1,066 kg.

4-Door Lakewood Station Wagon, 4 doors, 6 seats; 1,159 kg.

#### Corvair 900 Monza 145 Super Turbo-Air

4-Door Sedan, 4 doors, 5 seats; 1,098 kg.

2-Door Club Coupe, 2 doors, 4 seats; 1,086 kg.

Extra weights: radio 5 kg, heater 10 kg.

### Engine specs ( SAE gross ):

6 horizontally opposed cylinders ( 87.313 x 66.278 mm ); 2,381 ccm displacement; compression ratio 9.00 : 1; horsepower output 98 HP at 4,600 rpm; specific output 41.2 HP / litre; torque output 179 Nm ( 18.3 kpm ) at 3,000 rpm; fuel required: regular petrol.

Net horsepower output: unknown.

### Engine ( building ):

High performance camshaft; reinforced valves.

### Transmission ( rear-wheel drive ):

Standard three speed manual gearbox, 2<sup>nd</sup> and 3<sup>rd</sup> gears synchronised, floor-mounted shift lever, ratios: 1<sup>st</sup> 3.5, 2<sup>nd</sup> 1.99, 3<sup>rd</sup> 1, reverse 3.97. Final drive ratio ( hypoid differential ): 3.273 ( 11/36 ) or 3.556 ( 9/32 ), Wagon: 3.556 ( 9/32 ) or 3.889 ( 9/35 ).

Optional four speed manual gearbox, all gears synchronised, floor-mounted shift lever, ratios: 1<sup>st</sup> 3.65, 2<sup>nd</sup> 2.35, 3<sup>rd</sup> 1.44, 4<sup>th</sup> 1, reverse 3.66. Final drive ratio ( hypoid differential ): 3.273 ( 11/36 ) or 3.556 ( 9/32 ), Wagon: 3.556 ( 9/32 ) or 3.889 ( 9/35 ).

Sedan and Coupe models fitted with air conditioning: standard 3.556 ( 9/32 ) final drive ratio, optional 3.273 ( 11/36 ).

## Performance:

Maximum speed ( estimated ) 155 kph, Wagon 145 kph; 1,000 rpm speed in highest gear 34.6 kph, Wagon 31.9 kph; weight / power ratio from 10.7 kg / HP; fuel consumption (estimated) 10 to 21 litres / 100 km, Wagon 11 to 22 litres / 100 km.

Four speed manual gearbox: Fuel consumption ( estimated ) 10 to 17 litres / 100 km, Wagon 11 to 18 litres / 100 km.

## Price list and production:

Model	Base price	Production
500 4-Door Sedan	\$1,974	18,752
500 2-Door Club Coupe	\$1,920	16,857
500 4-Door Lakewood Station Wagon	\$2,266	5,591
700 Deluxe 4-Door Sedan	\$2,039	51,948
700 Deluxe 2-Door Club Coupe	\$1,985	24,786
700 Deluxe 4-Door Lakewood Station Wagon	\$2,331	20,451
900 Monza 4-Door Sedan	\$2,201	33,745
900 Monza 2-Door Club Coupe	\$2,201	109,945
<b>TOTAL</b>		282,075

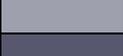
## Standard equipment:

**500:** electric windshield wipers, left-hand sun visor, turn signals, single key lock system, front ashtray, push-button door handles, centre dome light, front foam seat cushions, folding rear seats ( only Wagon ). **700 Deluxe adds:** chrome exterior mouldings, dual horns, automatic front door dome light switches, luggage compartment mat, coat hooks, colour-keyed floor mats. **900 Monza adds:** left and right-hand sun visors, bucket seats, stainless steel rocker sill mouldings, special wheel covers, front armrests, cigarette lighter, bright metal seat and armrest mouldings, chrome simulated rear deck air vents, folding rear seats, rear ashtrays, glovebox light, rear door armrests ( only Sedan ), Deluxe steering wheel.

### Optional equipment:

Four speed manual gearbox ( \$65 ); Powerglide gearbox ( \$157, only for 145 Turbo-Air engine ); Super Turbo-Air engine ( \$27 ); heavy duty 40 Ah battery ( \$5 ); 35 A alternator ( \$38 ); special crankcase vent ( \$4 ); heavy duty shock absorbers ( \$8 ); front seat belts ( \$20 ); air conditioning ( \$350 ); direct-air heater ( \$74 ); gasoline-operated heater ( \$92 ); Soft Ray tinted glass ( \$27 ); windshield tinted glass ( \$11 ); windshield washer ( \$11 ); padded dash ( \$18 ); electric clock ( \$16 ); manual radio ( \$54 ); pushbutton AM radio ( \$62 ); folding rear seats ( \$27 ); rear door armrests ( \$10 ); whitewall tyres ( \$29 ); wheel covers ( \$11 ); spare wheel lock ( \$5 ); two-tone paint ( \$11, except 900 Monza ). Comfort and Convenience Group ( \$39, for 500/700 Deluxe, including left outside rear-view mirror, push-button windshield washers, back up lights and glovebox light ). Comfort and Convenience Group ( \$28, for 900 Monza, including left outside rear-view mirror, push-button windshield washers and back up lights ). Deluxe Body Equipment Group ( \$11, for 500/700 Deluxe, including cigarette lighter, right-hand sun visor and front armrests ).

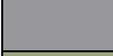
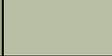
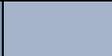
### List of paint colours:

	900	Tuxedo Black
	903	Seafoam Green
	905	Arbor Green Iridescent
	912	Jewel Blue Iridescent
	914	Midnight Blue Iridescent
	915	Twilight Turquoise Iridescent
	917	Seamist Turquoise
	920	Fawn Beige Iridescent
	923	Roman Red
	925	Coronna Cream
	936	Ermine White
	938	Almond Beige
	940	Sateen Silver Iridescent
	941	Shadow Gray Iridescent
	948	Honduras Maroon Iridescent

### List of interior trims available:

<b>Corvair 500</b>		
		Gray Fabric & Ivory Vinyl
		Green Fabric & Vinyl

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		Blue Fabric & Vinyl
<b>Corvair 700 Deluxe</b>		
		Gray Fabric & Silver Vinyl
		Green Fabric & Vinyl
		Blue Fabric & Vinyl
<b>Corvair 900 Monza</b>		
		Red Vinyl (Sedan Fabric & Vinyl)
		Green Vinyl (Sedan Fabric & Vinyl)
		Blue Vinyl (Sedan Fabric & Vinyl)
		Fawn Vinyl (Sedan Fabric & Vinyl)

### VIN identifier (twelve digit code):

First digit: 1 for 1961.

Second and third digits: Series ( 05 for 500, 07 for 700 Deluxe, 09 for 900 Monza ).

Fourth and five digits: Body style ( 27 for 2-Door Club Coupe, 35 for Lakewood 4-Door Station Wagon, 69 for 4-Door Sedan ).

Sixth digit: a letter identifying the assembly plant ( Atlanta, GA (A); Baltimore, MD (B); Flint, MI (F); Framingham, MA (G); Janesville, WI (J); Kansas City, MO (K); Los Angeles, CA (L); Norwood, OH (N); Oakland, CA (O); St. Louis, MO (S); Tarrytown, NY (T); Willow Run, MI (W) ).

Seventh to twelfth digits: Serial number, starting on 100001 and up.

## THE 1961 MODELS



**Corvair 500 4-Door Sedan**



Corvair 500 2-Door Club Coupe



Corvair 900 Monza 4-Door Sedan



Corvair 500 4-Door Lakewood Station Wagon



Corvair 900 Monza 2-Door Club Coupe



Corvair 700 Deluxe 4-Door Sedan



Corvair 700 Deluxe 2-Door Club Coupe



Corvair 700 Deluxe 4-Door Lakewood Station Wagon

## 1962

*Introduced on September 29, 1961*

### LIST OF MODELS ADDED

**September 1961:** 900 Monza Station Wagon.

**May 1962:** 900 Monza 2-Door Convertible, 900 Monza Spyder 2-Door Club Coupe, 900 Monza Spyder 2-Door Convertible.

### LIST OF MODELS DROPPED

**September 1961:** 500 4-Door Sedan, 500 Lakewood 4-Door Station Wagon.

**April 1962:** 700 Deluxe 4-Door Station Wagon, 900 Monza 4-Door Station Wagon.

### CHANGES

*Mechanical changes:*

Engine output increased on Turbo-Air engine ( only for 900 Monza models with Powerglide transmission ) and Super Turbo-Air engine. New turbocharged engine for the 900 Monza Spyder models. Powerglide transmission now available with the Super Turbo-Air engine. Widened tracks.

*Styling changes:*

Redesigned exterior trims and hubcaps, plusher interiors, new V-shaped ornament on the front panel, with simulated air vents. Lakewood nameplate dropped. Spyder package introduced in May 1962.

## 2.4 - 80/84 HP 2 carburettors

### Models and weights:

#### Corvair 500 145 Turbo-Air

2-Door Club Coupe, 2 doors, 5 seats; 1,066 kg.

#### Corvair 700 Deluxe 145 Turbo-Air

4-Door Sedan, 4 doors, 6 seats; 1,093 kg.

2-Door Club Coupe, 2 doors, 5 seats; 1,084 kg.

4-Door Station Wagon, 4 doors, 6 seats; 1,175 kg.

#### Corvair 900 Monza 145 Turbo-Air

4-Door Sedan, 4 doors, 6 seats; 1,114 kg.

2-Door Club Coupe, 2 doors, 4 seats; 1,107 kg.

2-Door Convertible, 2 doors, 4 seats; 1,191 kg.

4-Door Station Wagon, 4 doors, 6 seats; 1,175 kg.

Optional Powerglide gearbox: 5 kg plus.

Extra weights: radio 6 kg.

### Engine specs ( SAE gross ):

6 horizontally opposed cylinders ( 87.313 x 66.278 mm ); 2,381 ccm displacement; compression ratio 8.00 : 1; horsepower output 80 HP at 4,400 rpm; specific output 33.6 HP / litre; torque output 174 Nm ( 17.8 kpm ) at 2,300 rpm; fuel required: regular petrol.

900 Monza models with Powerglide transmission: compression ratio 9.00 : 1; horsepower output 84 HP at 4,400 rpm; specific output 35.3 HP / litre; torque output 176 Nm ( 18 kpm ) at 2,300 rpm; fuel required: super petrol.

Net horsepower output ( with manual transmission ): 65 HP at 3,600 rpm; specific output 27.3 HP / litre.

Net horsepower output ( 900 Monza models with Powerglide transmission ): unknown.

### Engine ( building ):

General Motors Chevrolet Turbo-Air Six 145 design. Longitudinally mounted rear-engine; light alloy engine block and cylinder head; two overhead valves per cylinder; central camshaft with sprockets; four main bearings. Two Rochester downdraft carburettors; AC 46FF spark plugs; air-cooled engine, with horizontal, centrifugal blower; 3.8 litres of oil; 12 V 35 / 40 Ah battery, 430 W dynamo, optional 35 A alternator.

### Transmission ( rear-wheel drive ):

Standard manual gearbox: monodisc clutch, 20.3 cm diameter; 0.9 litres of transmission oil; 1.5 litres of final drive oil.

Optional automatic gearbox: 2.8 litres of transmission oil; 1.5 litres of final drive oil.

Standard three speed manual gearbox, 2<sup>nd</sup> and 3<sup>rd</sup> gears synchronised, floor-mounted shift lever, ratios: 1<sup>st</sup> 3.5, 2<sup>nd</sup> 1.99, 3<sup>rd</sup> 1, reverse 3.97. Final drive ratio ( hypoid differential ): 3.273 ( 11/36 ) or 3.556 ( 9/32 ) or 3.889 ( 9/35 ), Wagon: 3.556 ( 9/32 ) or 3.889 ( 9/35 ).

Optional four speed manual gearbox, all gears synchronised, floor-mounted shift lever, ratios: 1<sup>st</sup> 3.65, 2<sup>nd</sup> 2.35, 3<sup>rd</sup> 1.44, 4<sup>th</sup> 1, reverse 3.66. Final drive ratio ( hypoid differential ): 3.273 ( 11/36 ) or 3.556 ( 9/32 ) or 3.889 ( 9/35 ), Wagon: 3.556 ( 9/32 ) or 3.889 ( 9/35 ).

Optional two speed automatic gearbox ( Powerglide Corvair ), L-D-N-R positions, range selector on instrument panel, ratios: Low 1.82, Direct 1, reverse 1.82. Final drive ratio ( hypoid differential ): 3.273 ( 11/36 ) or 3.556 ( 9/32 ) or 3.889 ( 9/35 ), Wagon: 3.556 ( 9/32 ) or 3.889 ( 9/35 ). Torque converter factor: 2.6 : 1.

Sedan and Coupe models fitted with air conditioning: standard 3.556 ( 9/32 ) final drive ratio, optional 3.273 ( 11/36 ).

Optional Positraction limited slip differential ( not available with 3.273 ( 11/36 ) final drive ratio, on Wagon and on 900 Monza Powerglide models ).

### Platform:

Body frame integral; front and rear independent suspension, front wishbones with coil springs, rear swing axle with longitudinal struts and coil springs; hydraulic telescopic shock absorbers.

### Drivetrain:

Four hydraulic drum brakes, 22.8 cm diameter; mechanical rear-wheel handbrake; Saginaw recirculating ball steering type, overall ratio 23.5 : 1; 53 litres fuel tank; 6.50 – 13 ( Wagon 7.00 – 13 ) tyres, 5.5 J ( Wagon 6 J ) rims, 4-ply tubeless tyres.

### Dimensions:

274.3 cm wheelbase, 138.4 / 138.4 cm tracks, 12.01 / 11.67 metres turning circle ( between walls / curbs ), 15.2 cm ground clearance, 457.2 cm length, 170.2 cm width, 130.8 cm ( Wagon 135.9 cm ) height.

Trunk capacity: 357 cdm ( front; 283 cdm when fitted with air conditioning ) + 122 cdm ( rear; 498 cdm with folded seats; no rear trunk on Convertible ). Wagon: 283 cdm ( front ) + 1,359 cdm ( rear; 1,643 cdm with folded seats ).

Interior dimensions:

Front: 111.8 cm legroom, 86.4 cm ( Wagon 85.1 cm ) headroom, 137.2 cm shoulder room, 148.6 cm hip room.

Rear: 92.7 cm legroom, 82.6 cm ( Wagon 85.9 cm ) headroom, 132.1 cm ( Wagon 135.9 cm ) shoulder room, 144.8 cm hip room.

## Performance:

Maximum speed ( estimated ) 150 kph, Convertible 145 kph, Wagon 140 kph; 1,000 rpm speed in highest gear 34.6 kph, Wagon 31.9 kph; weight / power ratio from 13.2 kg / HP; fuel consumption ( estimated ) 10 to 21 litres / 100 km, Wagon 11 to 22 litres / 100 km.

Four speed manual gearbox: Fuel consumption ( estimated ) 10 to 17 litres / 100 km, Wagon 11 to 18 litres / 100 km.

Powerglide gearbox: Maximum speed ( estimated ) 145 kph, Convertible 140 kph, Wagon 135 kph; fuel consumption ( estimated ) 11 to 18 litres / 100 km, Wagon 11 to 19 litres / 100 km.

## 2.4 - 102 HP 2 carburettors

**As 145 Turbo-Air, except for:**

### Models and weights:

#### Corvair 500 145 Super Turbo-Air

2-Door Club Coupe, 2 doors, 5 seats; 1,066 kg.

#### Corvair 700 Deluxe 145 Super Turbo-Air

4-Door Sedan, 4 doors, 6 seats; 1,093 kg.

2-Door Club Coupe, 2 doors, 5 seats; 1,084 kg.

4-Door Station Wagon, 4 doors, 6 seats; 1,175 kg.

#### Corvair 900 Monza 145 Super Turbo-Air

4-Door Sedan, 4 doors, 6 seats; 1,114 kg.

2-Door Club Coupe, 2 doors, 4 seats; 1,107 kg.

2-Door Convertible, 2 doors, 4 seats; 1,191 kg.

4-Door Station Wagon, 4 doors, 6 seats; 1,175 kg.

Optional Powerglide gearbox: 5 kg plus.

Extra weights: radio 6 kg.

### Engine specs ( SAE gross ):

6 horizontally opposed cylinders ( 87.313 x 66.278 mm ); 2,381 ccm displacement; compression ratio 9.00 : 1; horsepower output 102 HP at 4,400 rpm; specific output 42.8 HP / litre; torque output 182 Nm ( 18.6 kpm ) at 2,800 rpm; fuel required: super petrol.

Net horsepower output: 68 HP at 3,600 rpm; specific output 28.6 HP / litre.

### Engine ( building ):

High performance camshaft; reinforced valves.

### Transmission ( rear-wheel drive ):

Standard three speed manual gearbox, 2<sup>nd</sup> and 3<sup>rd</sup> gears synchronised, floor-mounted shift lever, ratios: 1<sup>st</sup> 3.5, 2<sup>nd</sup> 1.99, 3<sup>rd</sup> 1, reverse 3.97. Final drive ratio ( hypoid

differential ): 3.273 ( 11/36 ) or 3.556 ( 9/32 ) or 3.889 ( 9/35 ), Wagon: 3.556 ( 9/32 ) or 3.889 ( 9/35 ).

Optional four speed manual gearbox, all gears synchronised, floor-mounted shift lever, ratios: 1<sup>st</sup> 3.65, 2<sup>nd</sup> 2.35, 3<sup>rd</sup> 1.44, 4<sup>th</sup> 1, reverse 3.66. Final drive ratio ( hypoid differential ): 3.273 ( 11/36 ) or 3.556 ( 9/32 ) or 3.889 ( 9/35 ), Wagon: 3.556 ( 9/32 ) or 3.889 ( 9/35 ).

Optional two speed automatic gearbox ( Powerglide Corvair ), L-D-N-R positions, range selector on instrument panel, ratios: Low 1.82, Direct 1, reverse 1.82. Final drive ratio ( hypoid differential ): 3.556 ( 9/32 ) or 3.889 ( 9/35 ). Torque converter factor: 2.6 : 1.

Sedan and Coupe models fitted with air conditioning: standard 3.556 ( 9/32 ) final drive ratio, optional 3.273 ( 11/36 ).

## Performance:

Maximum speed ( estimated ) 155 kph, Convertible 150 kph, Wagon 145 kph; 1,000 rpm speed in 3<sup>rd</sup> gear 34.6 kph, Wagon 31.9 kph; weight / power ratio from 10.5 kg / HP; fuel consumption ( estimated ) 10 to 21 litres / 100 km, Wagon 11 to 22 litres / 100 km.

Four speed manual gearbox: 1,000 rpm speed in 4<sup>th</sup> gear 34.6 kph, Wagon 31.9 kph; fuel consumption ( estimated ) 10 to 17 litres / 100 km, Wagon 11 to 18 litres / 100 km.

Powerglide gearbox: Maximum speed ( estimated ) 150 kph, Convertible 145 kph, Wagon 140 kph; 1,000 rpm speed in direct gear 31.9 kph; fuel consumption ( estimated ) 11 to 19 litres / 100 km.

## 2.4 - 150 HP Carburettor/Turbo

**As 145 Turbo-Air, except for:**

### Models and weights:

#### Corvair 900 Monza Spyder

2-Door Club Coupe, 2 doors, 4 seats; 1,129 kg.

2-Door Club Convertible, 2 doors, 4 seats; 1,213 kg.

Extra weights: radio 6 kg.

### Engine specs ( SAE gross ):

6 horizontally opposed cylinders ( 87.313 x 66.278 mm ); 2,381 ccm displacement; compression ratio 8.00 : 1; horsepower output 150 HP at 4,400 rpm; specific output 63 HP / litre; torque output 285 Nm ( 29.1 kpm ) at 3,200 rpm; fuel required: super petrol.

Net horsepower output: unknown.

### Engine ( building ):

High performance camshaft; reinforced valves; Carter YH sidedraft carburettor; Thompson centrifugal turbo-charger; AC 44FF spark plugs.

### Transmission ( rear-wheel drive ):

Standard four speed manual gearbox, all gears synchronised, floor-mounted shift lever, ratios: 1<sup>st</sup> 3.65, 2<sup>nd</sup> 2.35, 3<sup>rd</sup> 1.44, 4<sup>th</sup> 1, reverse 3.66. Final drive ratio ( hypoid differential ): 3.556 ( 9/32 ).

### Drivetrain:

7.00 – 13 tyres, 6 J rims.

### Performance:

Maximum speed ( estimated ) 165 kph; 1,000 rpm speed in 4<sup>th</sup> gear 31.5 kph; weight / power ratio from 7.5 kg / HP; fuel consumption ( estimated ) 10 to 20 litres / 100 km.

### Price list and production:

Model	Base price	Production
500 2-Door Club Coupe	\$1,992	16,245
700 Deluxe 4-Door Sedan	\$2,111	35,368
700 Deluxe 2-Door Club Coupe	\$2,057	18,474
700 Deluxe 4-Door Station Wagon	\$2,407	3,716
900 Monza 4-Door Sedan	\$2,273	48,059
900 Monza 2-Door Club Coupe	\$2,273	144,844
900 Monza 2-Door Convertible	\$2,483	13,995
900 Monza 4-Door Station Wagon	\$2,569	2,362
900 Monza Spyder 2-Door Club Coupe	\$2,569	6,894
900 Monza Spyder 2-Door Convertible	\$2,779	2,574
<b>TOTAL</b>		292,531

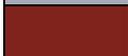
### Standard equipment:

**500:** front foam seat cushions, rubber floor mats, electric windshield wipers, left and right-hand sun visors, turn signals, single key lock system, front ashtray, cigarette lighter, front armrests, push-button door handles, centre dome light, heater and defroster. **700 Deluxe adds:** chrome exterior mouldings, dual horns, automatic front door dome light switches, luggage compartment mat, coat hooks, colour-keyed floor mats, folding rear seats ( only Wagon ). **900 Monza adds:** bucket seats ( only Coupe and Convertible ), ribbed metal rocker sill mouldings, full wheel covers, bright metal seat and armrest mouldings, chrome simulated rear deck air vents, folding rear seats ( except Convertible ), rear ashtrays, glovebox light, rear armrests ( only Sedan and Wagon ), Deluxe steering wheel, back up lights. **900 Monza Spyder adds:** identification badges, “turbo-charged” emblem.

### Optional equipment:

Four speed manual gearbox ( \$65 ); Powerglide gearbox ( \$157, except 900 Monza Spyder ); Super Turbo-Air engine ( \$27 ); heavy duty suspension ( \$22 ); 35 A alternator ( \$38 ); front seat belts ( \$20 ); air conditioning ( \$350, except 900 Monza Spyder ); Soft Ray tinted glass ( \$27 ); windshield tinted glass ( \$13 ); two-speed windshield wipers and washers ( \$16 ); padded instrument panel ( \$16 ); electric clock ( \$16 ); manual radio ( \$48 ); pushbutton AM radio ( \$57 ); front bucket seats ( \$27, for 900 Monza Sedan and Wagon ); folding rear seats ( \$27, except Convertible ); rear door armrests ( \$10 ); whitewall tyres ( \$29 ); wheel covers ( \$11 ); wire wheel hubcaps ( \$38 for 500/700 Deluxe, \$27 for 900 Monza ); spare wheel lock ( \$5 ); two-tone paint ( \$11, except 900 Monza/900 Monza Spyder ). Comfort and Convenience Group ( \$39, for 500/700 Deluxe, including left outside rear-view mirror, push-button windshield washers, back up lights and glovebox light ). Comfort and Convenience Group ( \$28, for 900 Monza, including left outside rear-view mirror, push-button windshield washers and back up lights ).

### List of paint colours:

	900	Tuxedo Black
	903	Surf Green
	905	Laurel Green Iridescent
	912	Silver Blue Iridescent
	914	Nassau Blue Iridescent
	917	Twilight Turquoise
	918	Twilight Blue Iridescent
	920	Autumn Gold Iridescent
	923	Roman Red
	925	Coronna Cream
	927	Anniversary Gold Iridescent
	936	Ermine White
	938	Adobe Beige
	940	Satin Silver Iridescent
	948	Honduras Maroon Iridescent

### List of interior trims available:

Corvaair 500		
		Fawn Fabric & Vinyl
		Aqua Fabric & Vinyl

*Continued on next page.*

		Red Fabric & Vinyl
<b>Corvair 700 Deluxe</b>		
		Fawn Fabric & Vinyl
		Aqua Fabric & Vinyl
		Red Fabric & Vinyl
		Blue Fabric & Vinyl
<b>Corvair 900 Monza</b>		
		Fawn Vinyl (Sedan / Wagon Fabric & Vinyl)
		Aqua Vinyl (Sedan / Wagon Fabric & Vinyl)
		Red Vinyl (Sedan / Wagon Fabric & Vinyl)
		Gold Vinyl (Sedan / Wagon Fabric & Vinyl)
		Blue Vinyl (Sedan / Wagon Fabric & Vinyl)
		Black Vinyl (except Wagon)



**Corvair 700 Deluxe 4-Door Sedan**



**Corvair 700 Deluxe 2-Door Club Coupe**



**Corvair 700 Deluxe 4-Door Station Wagon**



**Corvair 900 Monza 4-Door Sedan**



**Corvair 900 Monza 2-Door Club Coupe**



**Corvair 900 Monza 2-Door Convertible**

**VIN identifier (twelve digit code):**

First digit: 2 for 1962.

Second and third digits: Series ( 05 for 500, 07 for 700 Deluxe, 09 for 900 Monza ).

Fourth and five digits: Body style ( 27 for 2-Door Club Coupe, 35 for 4-Door Station Wagon, 67 for 2-Door Convertible, 69 for 4-Door Sedan ).

Sixth digit: a letter identifying the assembly plant ( Atlanta, GA (A); Baltimore, MD (B); Flint, MI (F); Framingham, MA (G); Janesville, WI (J); Kansas City, MO (K); Los Angeles, CA (L); Norwood, OH (N); Oakland, CA (O); St. Louis, MO (S); Tarrytown, NY (T); Willow Run, MI (W) ).

Seventh to twelfth digits: Serial number, starting on 100001 and up.

**THE 1962 MODELS**



**Corvair 500 2-Door Club Coupe**



**Corvair 900 Monza 4-Door Station Wagon**

**1963**

*Introduced on September 28, 1962*

## LIST OF MODELS INTRODUCED

No new models introduced.

## CHANGES

*Mechanical changes:*

Standard three speed manual gearbox for 900 Monza Spyder models.

*Styling changes:*

New front chrome strip, with a central section finished in black paint, amber-coloured front parking lamps, Corvair nameplate relocated, model identification badges relocated.

## **2.4 - 80/84 HP 2 carburetors**

### **Models and weights:**

#### Corvair 500 145 Turbo-Air

2-Door Club Coupe, 2 doors, 5 seats; 1,057 kg.

#### Corvair 700 Deluxe 145 Turbo-Air

4-Door Sedan, 4 doors, 6 seats; 1,082 kg.

2-Door Club Coupe, 2 doors, 5 seats; 1,068 kg.

#### Corvair 900 Monza 145 Turbo-Air

4-Door Sedan, 4 doors, 6 seats; 1,111 kg.

2-Door Club Coupe, 2 doors, 4 seats; 1,095 kg.

2-Door Convertible, 2 doors, 4 seats; 1,145 kg.

Optional Powerglide gearbox: 4 kg plus.

Extra weights: radio 5 kg, air conditioning 48 kg, Kelsey-Hayes wire wheels 25 kg.

### **Engine specs ( SAE gross ):**

6 horizontally opposed cylinders ( 87.313 x 66.278 mm ); 2,381 ccm displacement; compression ratio 8.00 : 1; horsepower output 80 HP at 4,400 rpm; specific output 33.6 HP / litre; torque output 174 Nm ( 17.8 kpm ) at 2,300 rpm; fuel required: 92-octanes petrol.

900 Monza models with Powerglide transmission: compression ratio 9.00 : 1; horsepower output 84 HP at 4,400 rpm; specific output 35.3 HP / litre; torque output 176 Nm ( 18 kpm ) at 2,300 rpm; fuel required: 99-octanes petrol.

Net horsepower output ( with manual transmission ): 65 HP at 3,600 rpm; specific output 27.3 HP / litre.

Net horsepower output ( 900 Monza models with Powerglide transmission ): unknown.

### **Engine ( building ):**

General Motors Chevrolet Turbo-Air Six 145 design. Longitudinally mounted rear-engine; light alloy engine block and cylinder head; two overhead valves per cylinder; central camshaft with sprockets; four main bearings. Two Rochester downdraft carburetors; AC 46FF ( 900 Monza models with Powerglide AC 44FF ) spark plugs; air-cooled engine, with horizontal, centrifugal blower; 3.8 litres of oil; 12 V 42 Ah battery, 430 W dynamo, optional 35 A alternator.

### **Transmission ( rear-wheel drive ):**

Standard manual gearbox: monodisc clutch, 20.3 cm diameter; 1.1 litres of transmission oil; 1.9 litres of final drive oil.

Optional automatic gearbox: 2.8 litres of transmission oil; 1.9 litres of final drive oil.

Standard three speed manual gearbox, 2<sup>nd</sup> and 3<sup>rd</sup> gears synchronised, floor-mounted shift lever, ratios: 1<sup>st</sup> 3.5, 2<sup>nd</sup> 1.99, 3<sup>rd</sup> 1, reverse 3.97. Final drive ratio ( hypoid differential ): 3.273 ( 11/36 ) or 3.556 ( 9/32 ) or 3.889 ( 9 /35 ).

Optional four speed manual gearbox, all gears synchronised, floor-mounted shift lever, ratios: 1<sup>st</sup> 3.65, 2<sup>nd</sup> 2.35, 3<sup>rd</sup> 1.44, 4<sup>th</sup> 1, reverse 3.66. Final drive ratio ( hypoid differential ): 3.273 ( 11/36 ) or 3.556 ( 9/32 ) or 3.889 ( 9/35 ).

Optional two speed automatic gearbox ( Powerglide Corvair ), L-D-N-R positions, range selector on instrument panel, ratios: Low 1.82, Direct 1, reverse 1.82. Final drive ratio ( hypoid differential ): 3.273 ( 11/36 ) or 3.556 ( 9/32 ) or 3.889 ( 9/35 ). Torque converter factor: 2.6 : 1.

Optional Positraction limited slip differential.

### **Platform:**

Body frame integral; front and rear independent suspension, front wishbones with coil springs, rear swing axle with longitudinal struts and coil springs; hydraulic

telescopic shock absorbers. Optional front anti-roll bar and reinforced front springs.

### **Drivetrain:**

Four hydraulic, self-adjusting drum brakes, 22.8 cm diameter; mechanical rear-wheel handbrake; Saginaw recirculating ball steering type, overall ratio 23.5 : 1; 53 litres fuel tank; 6.50 - 13 tyres, 5.5 J rims, 4-ply tubeless tyres.

### **Dimensions:**

274.3 cm wheelbase, 138.4 / 138.4 cm tracks, 12.01 / 11.67 metres turning circle ( between walls / curbs ), 15.2 cm ground clearance, 457.2 cm length, 170.2 cm width, 130.8 cm height.

Trunk capacity: 357 cdm ( front; 283 cdm when fitted with air conditioning ) + 122 cdm ( rear; 498 cdm with folded seats; no rear trunk on Convertible ).

Interior dimensions:

Front: 111.8 cm legroom, 86.4 cm headroom, 137.2 cm shoulder room, 148.6 cm hip room.

Rear: 92.7 cm legroom, 82.6 cm headroom, 132.1 cm shoulder room, 144.8 cm hip room.

### **Performance:**

Maximum speed ( estimated ) 150 kph, Convertible 145 kph; 1,000 rpm speed in highest gear 34.2 kph; weight / power ratio from 13.1 kg / HP; fuel consumption ( estimated ) 10 to 21 litres / 100 km.

Four speed manual gearbox: Fuel consumption ( estimated ) 10 to 17 litres / 100 km.

Powerglide gearbox: Fuel consumption ( estimated ) 11 to 18 litres / 100 km.

## **2.4 - 102 HP 2 carburettors**

**As 145 Turbo-Air, except for:**

### **Models and weights:**

#### Corvair 500 145 Super Turbo-Air

2-Door Club Coupe, 2 doors, 5 seats; 1,057 kg.

#### Corvair 700 Deluxe 145 Super Turbo-Air

4-Door Sedan, 4 doors, 6 seats; 1,082 kg.

2-Door Club Coupe, 2 doors, 5 seats; 1,068 kg.

#### Corvair 900 Monza 145 Super Turbo-Air

4-Door Sedan, 4 doors, 5 seats; 1,111 kg.

2-Door Club Coupe, 2 doors, 5 seats; 1,095 kg.

2-Door Convertible, 2 doors, 5 seats; 1,145 kg.

Optional Powerglide gearbox: 4 kg plus.

Extra weights: radio 5 kg, air conditioning 48 kg, Kelsey-Hayes wire wheels 25 kg.

### **Engine specs ( SAE gross ):**

6 horizontally opposed cylinders ( 87.313 x 66.278 mm ); 2,381 ccm displacement; compression ratio 9.00 : 1; horsepower output 102 HP at 4,400 rpm; specific output 42.8 HP / litre; torque output 182 Nm ( 18.6 kpm ) at 2,800 rpm; fuel required: 99-octanes petrol.

Net horsepower output: 68 HP at 3,600 rpm; specific output 28.6 HP / litre.

### **Engine ( building ):**

High performance camshaft; AC 44FF spark plugs.

### **Transmission ( rear-wheel drive ):**

Standard three speed manual gearbox, 2<sup>nd</sup> and 3<sup>rd</sup> gears synchronised, floor-mounted shift lever, ratios: 1<sup>st</sup> 3.5, 2<sup>nd</sup> 1.99, 3<sup>rd</sup> 1, reverse 3.97. Final drive ratio ( hypoid differential ): 3.273 ( 11/36 ) or 3.556 ( 9/32 ) or 3.889 ( 9 / 35 ).

Optional four speed manual gearbox, all gears synchronised, floor-mounted shift lever, ratios: 1<sup>st</sup> 3.65, 2<sup>nd</sup> 2.35, 3<sup>rd</sup> 1.44, 4<sup>th</sup> 1, reverse 3.66. Final drive ratio ( hypoid differential ): 3.083 ( 12/37 ), 3.273 ( 11/36 ) or 3.556 ( 9/32 ) or 3.889 ( 9/35 ).

Optional two speed automatic gearbox ( Powerglide Corvair ), L-D-N-R positions, range selector on instrument panel, ratios: Low 1.82, Direct 1, reverse 1.82. Final drive ratio ( hypoid differential ): 3.556 ( 9/32 ) or 3.889 ( 9/35 ). Torque converter factor: 2.6 : 1.

### **Performance:**

Maximum speed ( estimated ) 155 kph, Convertible 150 kph; 1,000 rpm speed in 3<sup>rd</sup> gear 34.2 kph; weight / power ratio from 10.4 kg / HP; fuel consumption ( estimated ) 10 to 21 litres / 100 km.

Four speed manual gearbox: 1,000 rpm speed in 4<sup>th</sup> gear 36.3 kph; fuel consumption ( estimated ) 10 to 17 litres / 100 km.

Powerglide gearbox: Maximum speed ( estimated ) 150 kph, Convertible 145 kph, 1,000 rpm speed in direct gear 31.5 kph; fuel consumption ( estimated ) 11 to 19 litres / 100 km.

## **2.4 - 150 HP Carburettor/Turbo**

**As 145 Turbo-Air, except for:**

### **Models and weights:**

#### Corvair 900 Monza Spyder

2-Door Club Coupe, 2 doors, 5 seats; 1,107 kg.

2-Door Club Convertible, 2 doors, 5 seats; 1,157 kg.

Extra weights: radio 5 kg, air conditioning 48 kg, Kelsey-Hayes wire wheels 25 kg.

### Engine specs ( SAE gross ):

6 horizontally opposed cylinders ( 87.313 x 66.278 mm ); 2,381 ccm displacement; compression ratio 8.00 : 1; horsepower output 150 HP at 4,400 rpm; specific output 63 HP / litre; torque output 285 Nm ( 29.1 kpm ) at 3,200 rpm; fuel required: 99-octanes petrol.

Net horsepower output: unknown.

### Engine ( building ):

High performance camshaft; reinforced valves; Carter YH downdraft carburettor; Thompson centrifugal turbo-charger; AC 44FF spark plugs.

### Transmission ( rear-wheel drive ):

Standard three speed manual gearbox, 2<sup>nd</sup> and 3<sup>rd</sup> gears synchronised, floor-mounted shift lever, ratios: 1<sup>st</sup> 3.5, 2<sup>nd</sup> 1.99, 3<sup>rd</sup> 1, reverse 3.97. Final drive ratio ( hypoid differential ): 3.556 ( 9/32 ).

Optional four speed manual gearbox, all gears synchronised, floor-mounted shift lever, ratios: 1<sup>st</sup> 3.65, 2<sup>nd</sup> 2.35, 3<sup>rd</sup> 1.44, 4<sup>th</sup> 1, reverse 3.66. Final drive ratio ( hypoid differential ): 3.556 ( 9/32 ).

### Drivetrain:

7.00 – 13 tyres, 6 J rims.

### Performance:

Maximum speed ( estimated ) 165 kph; 1,000 rpm speed in highest gear 31.5 kph; weight / power ratio from 7.4 kg / HP; fuel consumption ( estimated ) 11 to 24 litres / 100 km.

Four speed manual gearbox: Fuel consumption ( estimated ) 11 to 20 litres / 100 km.

### Price list and production:

Model	Base price	Production
500 2-Door Club Coupe	\$1,992	16,680
700 Deluxe 4-Door Sedan	\$2,110	20,684
700 Deluxe 2-Door Club Coupe	\$2,056	12,378
900 Monza 4-Door Sedan	\$2,326	31,120
900 Monza 2-Door Club Coupe	\$2,272	117,917
900 Monza 2-Door Convertible	\$2,481	36,693
900 Monza Spyder 2-Door Club Coupe	\$2,589	11,827
900 Monza Spyder 2-Door Convertible	\$2,798	7,472
<b>TOTAL</b>		254,571

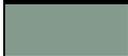
### Standard equipment:

**500:** front foam seat cushions, rubber floor mats, electric windshield wipers, left and right-hand sun visors, turn signals, single key lock system, front ashtray, cigarette lighter, push-button door handles, front armrests, centre dome light, heater and defroster. **700 Deluxe adds:** rocker panel mouldings, chrome exterior mouldings, dual horns, automatic front door dome light switches, luggage compartment mat, coat hooks, colour-keyed floor mats. **900 Monza adds:** bucket seats, ribbed metal rocker sill mouldings, full wheel covers, bright metal seat and armrest mouldings, chrome simulated rear deck air vents, folding rear seats ( except Convertible ), rear ashtrays, glovebox light, rear armrests, Deluxe steering wheel, back up lights. **900 Monza Spyder adds:** full instrumentation, special brushed metal dash insert panel, heavy duty clutch, identification badges, “turbocharged” emblem.

### Optional equipment:

Four speed manual gearbox ( \$92 ); Powerglide gearbox ( \$157, except 900 Monza Spyder ); Super Turbo-Air engine ( \$27 ); 35 A alternator ( \$38 ); Positraction limited slip differential ( \$38 ); front seat belts ( \$19 ); air conditioning ( \$350, except 900 Monza Spyder ); Soft Ray tinted glass ( \$27 ); windshield tinted glass ( \$13 ); two-speed windshield wipers and washers ( \$16 ); padded instrument panel ( \$16 ); electric clock ( \$16 ); manual radio ( \$48 ); pushbutton AM radio ( \$57 ), pushbutton AM radio with front and rear speakers ( \$70, except Convertible ); folding rear seats ( \$27, except Convertible ); rear door armrests ( \$10 ); whitewall tyres ( \$29 ); wheel covers ( \$11 ); wire wheel hubcaps ( \$38 for 500/700 Deluxe, \$27 for 900 Monza ); Kelsey-Hayes wire wheels ( \$404 ); spare wheel lock ( \$5 ); two-tone paint ( \$11, except 900 Monza/900 Monza Spyder ); power Convertible top in four different colours ( \$54 ). Comfort and Convenience Group ( \$39, for 500/700 Deluxe, including left outside rear-view mirror, push-button windshield washers, back up lights and glovebox light ). Comfort and Convenience Group ( \$28, for 900 Monza, including left outside rear-view mirror, push-button windshield washers and back up lights ).

### List of paint colours:

	900	Tuxedo Black
	905	Laurel Green Iridescent
	908	Ivy Green Iridescent
	912	Silver Blue Iridescent
	914	Monaco Blue Iridescent
	918	Azure Blue Iridescent
	919	Marine Aqua Iridescent

*Continued on next page.*

	920	Autumn Gold Iridescent
	922	Ember Red
	932	Saddle Tan Iridescent
	934	Cordovan Brown Iridescent
	936	Ermine White
	938	Adobe Beige
	940	Satin Silver Iridescent
	948	Palomar Red Iridescent

Seventh to twelfth digits: Serial number, starting on 100001 and up.

## THE 1963 MODELS



**Corvair 500 2-Door Club Coupe**



**Corvair 700 Deluxe 4-Door Sedan**



**Corvair 700 Deluxe 2-Door Club Coupe**



**Corvair 900 Monza 4-Door Sedan**



**Corvair 900 Monza 2-Door Club Coupe**

### List of interior trims available:

<b>Corvair 500</b>	
	Fawn Vinyl
	Aqua Vinyl
	Red Vinyl
<b>Corvair 700 Deluxe</b>	
	Fawn Vinyl & Cloth
	Aqua Vinyl & Cloth
	Red Vinyl & Cloth
	Blue Vinyl & Cloth
<b>Corvair 900 Monza</b>	
	Fawn Vinyl
	Aqua Vinyl
	Red Vinyl
	White Vinyl
	Antique Saddle Vinyl
	Blue Vinyl
	Black Vinyl

### VIN identifier (twelve digit code):

First digit: 3 for 1963.

Second and third digits: Series ( 05 for 500, 07 for 700 Deluxe, 09 for 900 Monza ).

Fourth and five digits: Body style ( 27 for 2-Door Club Coupe, 67 for 2-Door Convertible, 69 for 4-Door Sedan ).

Sixth digit: a letter identifying the assembly plant ( Atlanta, GA (A); Baltimore, MD (B); Flint, MI (F); Framingham, MA (G); Janesville, WI (J); Kansas City, MO (K); Los Angeles, CA (L); Norwood, OH (N); Oakland, CA (O); Arlington, TX (R); St. Louis, MO (S); Tarrytown, NY (T); Willow Run, MI (W) ).



**Corvair 900 Monza 2-Door Convertible**

**1964**

*Introduced on September 26, 1963*

## **LIST OF MODELS DROPPED**

**September 1963:** 700 Deluxe 2-Door Club Coupe.

## **CHANGES**

*Mechanical changes:*

Engine displacement and output increased. Updated brakes and rear suspension.

*Styling changes:*

Thicker front crossbar, with a triangular Chevrolet badge below it, redesigned circular taillamp bezels. Monza Spyder becomes the separate 600 series.

**2.7 - 95 HP 2 carburetors**

## **Models and weights:**

### **Corvair 500 164 Turbo-Air 95-hp**

2-Door Club Coupe, 2 doors, 5 seats; 1,073 kg.

### **Corvair 700 Deluxe 164 Turbo-Air 95-hp**

4-Door Sedan, 4 doors, 6 seats; 1,095 kg.

### **Corvair 900 Monza 164 Turbo-Air 95-hp**

4-Door Sedan, 4 doors, 6 seats; 1,120 kg.

2-Door Club Coupe, 2 doors, 4 seats; 1,109 kg.

2-Door Convertible, 2 doors, 4 seats; 1,159 kg.

Optional Powerglide gearbox: 4 kg plus.

Extra weights: radio 5 kg, air conditioning 48 kg, Kelsey-Hayes wire wheels 25 kg.

## **Engine specs ( SAE gross ):**

6 horizontally opposed cylinders ( 87.313 x 74.613 mm ); 2,680 ccm displacement; compression ratio 8.25 : 1; horsepower output 95 HP at 3,600 rpm; specific output 35.4 HP / litre; torque output 209 Nm ( 21.3 kpm ) at 2,400 rpm; fuel required: 92-octanes petrol.

Net horsepower output: 78 HP at 3,600 rpm; specific output 29.1 HP / litre.

## **Engine ( building ):**

General Motors Chevrolet Turbo-Air Six 164 design. Longitudinally mounted rear-engine; light alloy engine block and cylinder head; two overhead valves per cylinder; central camshaft with sprockets; four main bearings. Two Rochester downdraft carburetors; AC 46FF spark plugs; air-cooled engine, with horizontal, centrifugal blower; 3.8 litres of oil; 12 V 42 Ah battery, 430 W dynamo, optional 35 A alternator.

## **Transmission ( rear-wheel drive ):**

Standard manual gearbox: monodisc clutch, 20.3 cm diameter; 1.1 litres of transmission oil; 1.9 litres of final drive oil.

Optional automatic gearbox: 2.8 litres of transmission oil; 1.9 litres of final drive oil.

Standard three speed manual gearbox, 2<sup>nd</sup> and 3<sup>rd</sup> gears synchronised, floor-mounted shift lever, ratios: 1<sup>st</sup> 3.22, 2<sup>nd</sup> 1.84, 3<sup>rd</sup> 1, reverse 3.65. Final drive ratio ( hypoid differential ): 3.273 ( 11/36 ) or 3.556 ( 9/32 ).

Optional four speed manual gearbox, all gears synchronised, floor-mounted shift lever, ratios: 1<sup>st</sup> 3.2, 2<sup>nd</sup> 2.19, 3<sup>rd</sup> 1.44, 4<sup>th</sup> 1, reverse 3.66. Final drive ratio ( hypoid differential ): 3.273 ( 11/36 ) or 3.556 ( 9/32 ).

Optional two speed automatic gearbox ( Powerglide Corvair ), L-D-N-R positions, range selector on instrument panel, ratios: Low 1.82, Direct 1, reverse 1.82. Final drive ratio ( hypoid differential ): 3.273 ( 11/36 ) or 3.556 ( 9/32 ). Torque converter factor: 2.6 : 1.

Optional Positraction limited slip differential.

## **Platform:**

Body frame integral; front and rear independent suspension, front wishbones with coil springs, rear swing axle with longitudinal and transverse struts, and coil springs; hydraulic telescopic shock absorbers. Front anti-roll bar.

## **Drivetrain:**

Four hydraulic, self-adjusting drum brakes, 22.8 cm diameter; mechanical rear-wheel handbrake; Saginaw recirculating ball steering type, overall ratio 23.5 : 1; 53 litres fuel tank; 6.50 - 13 tyres, 5.5 J rims, 4-ply tubeless tyres.

## **Dimensions:**

274.3 cm wheelbase, 138.2 / 140 cm tracks, 12.01 / 11.64 metres turning circle ( between walls / curbs ), 15.2 cm ground clearance, 457.2 cm length, 170.2 cm width, 130.6 cm ( Sedan 130.8 cm, Convertible 129.8 cm ) height.

Trunk capacity: 357 cdm ( front; 283 cdm when fitted with air conditioning ) + 122 cdm ( rear; 498 cdm with folded seats; no rear trunk on Convertible ).

Interior dimensions:

Front: 104.9 cm legroom, 95.5 cm headroom, 136.9 cm shoulder room, 147.8 cm hip room.

Rear: 85.3 cm legroom, 93 cm headroom, 136.1 cm shoulder room, 144 cm hip room.

### **Performance:**

Maximum speed ( estimated ) 145 kph; 1,000 rpm speed in highest gear 34.2 kph; weight / power ratio from 11.3 kg / HP; fuel consumption ( estimated ) 11 to 22 litres / 100 km.

Four speed manual gearbox: Fuel consumption ( estimated ) 11 to 18 litres / 100 km.

Powerglide gearbox: Maximum speed ( estimated ) 140 kph; fuel consumption ( estimated ) 11 to 19 litres / 100 km.

## **2.7 - 110 HP 2 carburettors**

**As 164 Turbo-Air 95-hp, except for:**

### **Models and weights:**

#### Corvair 500 164 Turbo-Air 110-hp

2-Door Club Coupe, 2 doors, 5 seats; 1,073 kg.

#### Corvair 700 Deluxe 164 Turbo-Air 110-hp

4-Door Sedan, 4 doors, 6 seats; 1,095 kg.

#### Corvair 900 Monza 164 Turbo-Air 110-hp

4-Door Sedan, 4 doors, 6 seats; 1,120 kg.

2-Door Club Coupe, 2 doors, 4 seats; 1,109 kg.

2-Door Convertible, 2 doors, 4 seats; 1,159 kg.

Optional Powerglide gearbox: 4 kg plus.

Extra weights: radio 5 kg, air conditioning 48 kg, Kelsey-Hayes wire wheels 25 kg.

### **Engine specs ( SAE gross ):**

6 horizontally opposed cylinders ( 87.313 x 74.613 mm ); 2,680 ccm displacement; compression ratio 9.25 : 1; horsepower output 110 HP at 4,400 rpm; specific output 41 HP / litre; torque output 217 Nm ( 22.1 kpm ) at 2,600 rpm; fuel required: 99-octanes petrol.

Net horsepower output: 90 HP at 4,000 rpm; specific output 33.6 HP / litre.

### **Engine ( building ):**

High performance camshaft; AC 44FF spark plugs.

### **Transmission ( rear-wheel drive ):**

Standard three speed manual gearbox, 2<sup>nd</sup> and 3<sup>rd</sup> gears synchronised, floor-mounted shift lever, ratios: 1<sup>st</sup> 3.22,

2<sup>nd</sup> 1.84, 3<sup>rd</sup> 1, reverse 3.65. Final drive ratio ( hypoid differential ): 3.273 ( 11/36 ) or 3.556 ( 9/32 ).

Optional four speed manual gearbox, all gears synchronised, floor-mounted shift lever, ratios: 1<sup>st</sup> 3.2, 2<sup>nd</sup> 2.19, 3<sup>rd</sup> 1.44, 4<sup>th</sup> 1, reverse 3.66. Final drive ratio ( hypoid differential ): 3.273 ( 11/36 ) or 3.556 ( 9/32 ).

Optional two speed automatic gearbox ( Powerglide Corvair ), L-D-N-R positions, range selector on instrument panel, ratios: Low 1.82, Direct 1, reverse 1.82. Final drive ratio ( hypoid differential ): 3.556 ( 9/32 ). Torque converter factor: 2.6 : 1.

### **Performance:**

Maximum speed ( estimated ) 160 kph, Convertible 155 kph; 1,000 rpm speed in 3<sup>rd</sup> gear 34.2 kph; weight / power ratio from 9.8 kg / HP; fuel consumption ( estimated ) 11 to 22 litres / 100 km.

Four speed manual gearbox: 1,000 rpm speed in 4<sup>th</sup> gear 34.2 kph; fuel consumption ( estimated ) 11 to 18 litres / 100 km.

Powerglide gearbox: Maximum speed ( estimated ) 150 kph, Convertible 145 kph; 1,000 rpm speed in direct gear 31.5 kph; fuel consumption ( estimated ) 12 to 21 litres / 100 km.

## **2.7 - 150 HP Carburettor/Turbo**

**As 164 Turbo-Air 95-hp, except for:**

### **Models and weights:**

#### Corvair 600 Monza Spyder

2-Door Club Coupe, 2 doors, 4 seats; 1,120 kg.

2-Door Club Convertible, 2 doors, 4 seats; 1,170 kg.

Extra weights: radio 5 kg, air conditioning 48 kg, Kelsey-Hayes wire wheels 25 kg.

### **Engine specs ( SAE gross ):**

6 horizontally opposed cylinders ( 87.313 x 74.613 mm ); 2,680 ccm displacement; compression ratio 8.25 : 1; horsepower output 150 HP at 4,000 rpm; specific output 56 HP / litre; torque output 315 Nm ( 32.1 kpm ) at 3,200 rpm; fuel required: 99-octanes petrol.

Net horsepower output: unknown.

### **Engine ( building ):**

High performance camshaft; reinforced valves; Carter YH downdraft carburettor; Thompson centrifugal turbo-charger; AC 44FF spark plugs.

### **Transmission ( rear-wheel drive ):**

Standard three speed manual gearbox, 2<sup>nd</sup> and 3<sup>rd</sup> gears synchronised, floor-mounted shift lever, ratios: 1<sup>st</sup> 3.22, 2<sup>nd</sup> 1.84, 3<sup>rd</sup> 1, reverse 3.65. Final drive ratio ( hypoid differential ): 3.556 ( 9/32 ).

Optional four speed manual gearbox, all gears synchronised, floor-mounted shift lever, ratios: 1<sup>st</sup> 3.2, 2<sup>nd</sup> 2.19, 3<sup>rd</sup> 1.44, 4<sup>th</sup> 1, reverse 3.66. Final drive ratio (hypoid differential): 3.556 (9/32).

### Drivetrain:

7.00 – 13 tyres, 6 J rims.

### Performance:

Maximum speed (estimated) 165 kph; 1,000 rpm speed in highest gear 31.5 kph; weight / power ratio from 7.5 kg / HP; fuel consumption (estimated) 11 to 24 litres / 100 km.

Four speed manual gearbox: Fuel consumption (estimated) 11 to 20 litres / 100 km.

### Price list and production:

Model	Base price	Production
500 2-Door Club Coupe	\$2,000	22,968
700 Deluxe 4-Door Sedan	\$2,119	16,295
900 Monza 4-Door Sedan	\$2,335	21,926
900 Monza 2-Door Club Coupe	\$2,281	88,440
900 Monza 2-Door Convertible	\$2,492	31,045
600 Monza Spyder 2-Door Club Coupe	\$2,599	6,480
600 Monza Spyder 2-Door Convertible	\$2,811	4,761
<b>TOTAL</b>		191,915

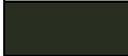
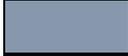
### Standard equipment:

**500:** front foam seat cushions, rubber floor mats, electric windshield wipers, left-hand sun visor, turn signals, single key lock system, front ashtray, push-button door handles, front armrests, centre dome light, locking glovebox, cigarette lighter, heater and defroster. **700 Deluxe adds:** left and right-hand sun visor, rocker panel mouldings, chrome exterior mouldings, dual horns, automatic front door dome light switches, luggage compartment mat, coat hooks, colour-keyed floor mats. **900 Monza adds:** bucket seats with map pockets, ribbed metal rocker sill mouldings, full wheel covers, bright metal seat and armrest mouldings, chrome simulated rear deck air vents, folding rear seats (except Convertible), rear ashtrays, glovebox light, rear armrests, Deluxe steering wheel, back up lights, simulated vents below rear windows (except Convertible). **600 Monza Spyder adds:** special wheel covers with “Spyder” inserts, full instrumentation, special brushed metal dash insert panel, heavy duty clutch, identification badges, “turbocharged” emblem.

### Optional equipment:

Four speed manual gearbox ( \$92 ); Powerglide gearbox ( \$157, except 600 Monza Spyder ); Super Turbo-Air engine ( \$30 ); 35 A alternator ( \$38 ); heavy duty air-cleaner ( \$17 ); Positraction limited slip differential ( \$38 ); front seat belts ( \$19 ); air conditioning ( \$350, except 600 Monza Spyder ); Soft Ray tinted glass ( \$27 ); windshield tinted glass ( \$13 ); two-speed windshield wipers and washers ( \$16 ); padded instrument panel ( \$16 ); electric clock ( \$16 ); manual radio ( \$48 ); pushbutton AM radio ( \$57 ), pushbutton AM radio with front and rear speakers ( \$70, except Convertible ); folding rear seats ( \$27, except Convertible ); rear door armrests ( \$10 ); whitewall tyres ( \$29 ); wheel covers ( \$11 ); wire wheel hubcaps ( \$38 for 500/700 Deluxe, \$27 for 900 Monza ); Kelsey-Hayes wire wheels ( \$404 ); spare wheel lock ( \$5 ); two-tone paint ( \$11, except 900 Monza/600 Monza Spyder ); power Convertible top in four different colours ( \$54 ). Comfort and Convenience Group ( \$39, for 500/700 Deluxe, including left outside rear-view mirror, push-button windshield washers, back up lights and glovebox light ). Comfort and Convenience Group ( \$28, for 900 Monza/600 Monza Spyder, including left outside rear-view mirror, push-button windshield washers and back up lights ).

### List of paint colours:

	900	Tuxedo Black
	905	Meadow Green Iridescent
	908	Bahama Green Iridescent
	912	Silver Blue Iridescent
	916	Daytona Blue Iridescent
	918	Azure Aqua Iridescent
	919	Lagoon Aqua Iridescent
	920	Almond Fawn Iridescent
	922	Ember Red
	932	Saddle Tan Iridescent
	936	Ermine White
	938	Desert Beige
	940	Satin Silver Iridescent
	943	Goldwood Yellow
	948	Palomar Red Iridescent

### List of interior trims available:

<b>Corvair 500</b>	
	Fawn Vinyl

*Continued on next page.*

	Aqua Vinyl
	Red Vinyl
<b>Corvair 700 Deluxe</b>	
	Fawn Vinyl & Cloth
	Aqua Vinyl & Cloth
	Red Vinyl & Cloth
	Blue Vinyl & Cloth
<b>Corvair 900 Monza &amp; 600 Monza Spyder</b>	
	Fawn Vinyl
	Aqua Vinyl
	Red Vinyl
	White Vinyl
	Antique Saddle Vinyl
	Blue Vinyl
	Black Vinyl



**Corvair 700 Deluxe 4-Door Sedan**



**Corvair 900 Monza 4-Door Sedan**



**Corvair 900 Monza 2-Door Club Coupe**



**Corvair 900 Monza 2-Door Convertible**

**VIN identifier (twelve digit code):**

First digit: 4 for 1964.

Second and third digits: Series ( 05 for 500, 06 for 600 Monza Spyder, 07 for 700 Deluxe, 09 for 900 Monza ).

Fourth and five digits: Body style ( 69 for 4-Door Sedan, 27 for 2-Door Club Coupe, 67 for 2-Door Convertible ).

Sixth digit: a letter identifying the assembly plant ( Atlanta, GA (A); Baltimore, MD (B); Doraville, GA (C); Flint, MI (F); Framingham, MA (G); Fremont, CA (H); Janesville, WI (J); Kansas City, MO (K); Los Angeles, CA (L); Norwood, OH (N); Oakland, CA (O); Arlington, TX (R); St. Louis, MO (S); Tarrytown, NY (T); Willow Run, MI (W) ).

Seventh to twelfth digits: Serial number, starting on 100001 and up.

**THE 1964 MODELS**



**Corvair 500 2-Door Club Coupe**



# TOTAL PRODUCTION FIGURES FOR THE FIRST GENERATION CORVAIR ( 1960-1964 )

**500 4-Door Sedan ( 10/59 – 09/61 ):**

66,435 units ( 5.23% of 1<sup>st</sup> generation Corvairs ).

**500 2-Door Club Coupe ( 01/60 – 09/64 ):**

87,378 units ( 6.87% of 1<sup>st</sup> generation Corvairs ).

**500 Lakewood 4-Door Station Wagon ( 10/60 – 09/61 ):**

5,591 units ( 0.44% of 1<sup>st</sup> generation Corvairs ).

**700 Deluxe 4-Door Sedan ( 10/59 – 09/64 ):**

263,503 units ( 20.73% of 1<sup>st</sup> generation Corvairs ).

**700 Deluxe 2-Door Club Coupe ( 01/60 – 10/63 ):**

92,200 units ( 7.25% of 1<sup>st</sup> generation Corvairs ).

**700 Deluxe (Lakewood) 4-Door Station Wagon ( 10/60 – 04/62 ):**

24,167 units ( 1.90% of 1<sup>st</sup> generation Corvairs ).

**900 Monza 4-Door Sedan ( 04/61 – 09/64 ):**

134,850 units ( 10.61% of 1<sup>st</sup> generation Corvairs ).

**900 Monza 2-Door Club Coupe ( 04/60 – 09/64 ):**

473,072 units ( 37.21% of 1<sup>st</sup> generation Corvairs ).

**900 Monza 2-Door Convertible ( 05/62 – 09/64 ):**

81,733 units ( 6.43% of 1<sup>st</sup> generation Corvairs ).

**900 Monza 4-Door Station Wagon ( 09/61 – 04/62 ):**

2,362 units ( 0.19% of 1<sup>st</sup> generation Corvairs ).

**900/600 Monza Spyder 2-Door Club Coupe ( 05/62 – 09/64 ):**

25,201 units ( 1.98% of 1<sup>st</sup> generation Corvairs ).

**900/600 Monza Spyder 2-Door Convertible ( 05/62 – 09/64 ):**

14,807 units ( 1.16% of 1<sup>st</sup> generation Corvairs ).

**Sedans:** 464,788 units ( 36.56% ).

**Coupes:** 677,851 units ( 53.32% ).

**Convertibles:** 96,540 units ( 7.59% ).

**Wagons:** 32,120 units ( 2.53% ).

**TOTAL PRODUCTION: 1,271,299 units.**



# SECOND GENERATION CORVAIRS





# 1965

*Introduced on September 24, 1964*

## LIST OF MODELS INTRODUCED

**September 1964:** 500 4-Door Sport Sedan, 500 2-Door Sport Coupe, Monza 4-Door Sport Sedan, Monza 2-Door Sport Coupe, Monza 2-Door Convertible, Corsa 2-Door Sport Coupe, Corsa 2-Door Convertible.

### 2.7 - 95 HP 2 carburetors

#### **Models and weights:**

##### Corvair 500 164 Turbo-Air 95-hp

4-Door Sport Sedan, 4 doors, 6 seats; 1,091 kg.

2-Door Sport Coupe, 2 doors, 5 seats; 1,082 kg.

##### Corvair Monza 164 Turbo-Air 95-hp

4-Door Sport Sedan, 4 doors, 5 seats; 1,118 kg.

2-Door Sport Coupe, 2 doors, 5 seats; 1,107 kg.

2-Door Convertible, 2 doors, 5 seats; 1,213 kg.

Optional Powerglide gearbox: 8 kg plus.

Extra weights: air conditioning 47 kg.

#### **Engine specs ( SAE gross ):**

6 horizontally opposed cylinders ( 87.313 x 74.613 mm ); 2,680 ccm displacement; compression ratio 8.25 : 1; horsepower output 95 HP at 3,600 rpm; specific output 35.4 HP / litre; torque output 209 Nm ( 21.3 kpm ) at 2,400 rpm; fuel required: 92-octanes petrol.

Net horsepower output: 78 HP at 3,600 rpm; specific output 29.1 HP / litre.

#### **Engine ( building ):**

General Motors Chevrolet Turbo-Air Six 164 design. Longitudinally mounted rear-engine; light alloy engine block and cylinder head; two overhead valves per cylinder; central camshaft with sprockets; four main bearings. Two Rochester downdraft carburetors; AC 46FF spark plugs; air-cooled engine, with horizontal, centrifugal blower; 3.8 litres of oil; 12 V 44 / 70 Ah battery, 37 / 47 A alternator.

#### **Transmission ( rear-wheel drive ):**

Standard manual gearbox: monodisc clutch, 20.3 cm diameter; 1.4 litres of transmission oil; 1.9 litres of final drive oil.

Optional automatic gearbox: 2.8 litres of transmission oil; 1.9 litres of final drive oil.

Standard three speed manual gearbox, 2<sup>nd</sup> and 3<sup>rd</sup> gears synchronised, floor-mounted shift lever, ratios: 1<sup>st</sup> 3.22, 2<sup>nd</sup> 1.84, 3<sup>rd</sup> 1, reverse 3.65. Final drive ratio ( hypoid differential ): 3.273 ( 11/36 ) or 3.556 ( 9/32 ).

Optional four speed manual gearbox, all gears synchronised, floor-mounted shift lever, ratios: 1<sup>st</sup> 3.2, 2<sup>nd</sup> 2.19, 3<sup>rd</sup> 1.44, 4<sup>th</sup> 1, reverse 3.66. Final drive ratio ( hypoid differential ): 3.273 ( 11/36 ) or 3.556 ( 9/32 ).

Optional two speed automatic gearbox ( Powerglide Corvair ), L-D-N-R positions, range selector on instrument panel, ratios: Low 1.82, Direct 1, reverse 1.82. Final drive ratio ( hypoid differential ): 3.273 ( 11/36 ) or 3.556 ( 9/32 ). Torque converter factor: 2.6 : 1.

Optional Positraction limited slip differential.

#### **Platform:**

Body frame integral; front and rear independent suspension, front wishbones with torque arms and coil springs, rear with upper half-shafts and lower trailing torque arms; hydraulic telescopic shock absorbers. Front side anti-roll bar.

#### **Drivetrain:**

Four hydraulic, self-adjusting drum brakes, 24.1 cm diameter; mechanical rear-wheel handbrake; Saginaw recirculating ball steering type, unknown overall ratio; 53 litres fuel tank; 6.50 - 13 tyres, 5.5 J rims, 4-ply tubeless tyres.

#### **Dimensions:**

274.3 cm wheelbase, 139.7 / 145.3 cm tracks, 11.40 / 10.73 metres turning circle ( between walls / curbs ), 13.7 cm ground clearance, 465.6 cm length, 177 cm width, 130.3 cm ( Sedan 130 cm, Convertible 130.8 cm ) height.

Trunk capacity: 198 cdm.

#### **Interior dimensions:**

Front: 106.9 cm ( Sedan 104.4 cm ) legroom, 95.2 cm ( Sedan 95.5 cm ) headroom, 137.7 cm ( Sedan 137.9 cm ) shoulder room, 142.5 cm hip room.

Rear: 83.3 cm ( Sedan 89.9 cm ) legroom, 89.9 cm ( Sedan 92.5 cm ) headroom, 133.9 cm ( Sedan 137.9 cm ) shoulder room, 142.5 cm hip room.

#### **Performance:**

Maximum speed ( estimated ) 145 kph; 1,000 rpm speed in highest gear 34.2 kph; weight / power ratio from 11.4 kg / HP; fuel consumption ( estimated ) 11 to 22 litres / 100 km.

Four speed manual gearbox: Fuel consumption ( estimated ) 11 to 18 litres / 100 km.

Powerglide gearbox: Maximum speed ( estimated ) 140 kph; fuel consumption ( estimated ) 11 to 19 litres / 100 km.

## 2.7 - 110 HP 2 carburettors

As 164 Turbo-Air 95-hp, except for:

### Models and weights:

#### Corvair 500 164 Turbo-Air 110-hp

4-Door Sport Sedan, 4 doors, 6 seats; 1,091 kg.

2-Door Sport Coupe, 2 doors, 5 seats; 1,082 kg.

#### Corvair Monza 164 Turbo-Air 110-hp

4-Door Sport Sedan, 4 doors, 5 seats; 1,118 kg.

2-Door Sport Coupe, 2 doors, 5 seats; 1,107 kg.

2-Door Convertible, 2 doors, 5 seats; 1,213 kg.

Optional Powerglide gearbox: 8 kg plus.

Extra weights: air conditioning 47 kg.

### Engine specs ( SAE gross ):

6 horizontally opposed cylinders ( 87.313 x 74.613 mm ); 2,680 ccm displacement; compression ratio 9.25 : 1; horsepower output 110 HP at 4,400 rpm; specific output 41 HP / litre; torque output 217 Nm ( 22.1 kpm ) at 2,600 rpm; fuel required: 99-octanes petrol.

Net horsepower output: 90 HP at 4,000 rpm; specific output 33.6 HP / litre.

### Engine ( building ):

High performance camshaft; AC 44FF spark plugs.

### Transmission ( rear-wheel drive ):

Standard three speed manual gearbox, 2<sup>nd</sup> and 3<sup>rd</sup> gears synchronised, floor-mounted shift lever, ratios: 1<sup>st</sup> 3.22, 2<sup>nd</sup> 1.84, 3<sup>rd</sup> 1, reverse 3.65. Final drive ratio ( hypoid differential ): 3.273 ( 11/36 ) or 3.556 ( 9/32 ).

Optional four speed manual gearbox, all gears synchronised, floor-mounted shift lever, ratios: 1<sup>st</sup> 3.2, 2<sup>nd</sup> 2.19, 3<sup>rd</sup> 1.44, 4<sup>th</sup> 1, reverse 3.66. Final drive ratio ( hypoid differential ): 3.273 ( 11/36 ) or 3.556 ( 9/32 ).

Optional two speed automatic gearbox ( Powerglide Corvair ), L-D-N-R positions, range selector on instrument panel, ratios: Low 1.82, Direct 1, reverse 1.82. Final drive ratio ( hypoid differential ): 3.556 ( 9/32 ). Torque converter factor: 2.6 : 1.

### Performance:

Maximum speed ( estimated ) 155 kph, Convertible 150 kph; 1,000 rpm speed in 3<sup>rd</sup> gear 34.2 kph; weight / power ratio from 9.9 kg / HP; fuel consumption ( estimated ) 11 to 22 litres / 100 km.

Four speed manual gearbox: 1,000 rpm speed in 4<sup>th</sup> gear 34.2 kph; fuel consumption ( estimated ) 11 to 18 litres / 100 km.

Powerglide gearbox: Maximum speed ( estimated ) 150 kph, Convertible 145 kph; 1,000 rpm speed in direct gear 31.5 kph; fuel consumption ( estimated ) 12 to 21 litres / 100 km.

## 2.7 - 140 HP 4 carburettors

As 164 Turbo-Air 95-hp, except for:

### Models and weights:

#### Corvair 500 164 Turbo-Air 140-hp

4-Door Sport Sedan, 4 doors, 6 seats; 1,091 kg.

2-Door Sport Coupe, 2 doors, 5 seats; 1,082 kg.

#### Corvair Monza 164 Turbo-Air 140-hp

4-Door Sport Sedan, 4 doors, 5 seats; 1,118 kg.

2-Door Sport Coupe, 2 doors, 5 seats; 1,107 kg.

2-Door Convertible, 2 doors, 5 seats; 1,213 kg.

#### Corvair Corsa 164 Turbo-Air 140-hp

2-Door Sport Coupe, 2 doors, 4 seats; 1,123 kg.

2-Door Convertible, 2 doors, 4 seats; 1,229 kg.

Optional Powerglide gearbox ( not available on Corsa models ): 8 kg plus.

### Engine specs ( SAE gross ):

6 horizontally opposed cylinders ( 87.313 x 74.613 mm ); 2,680 ccm displacement; compression ratio 9.25 : 1; horsepower output 140 HP at 5,200 rpm; specific output 52.2 HP / litre; torque output 217 Nm ( 22.1 kpm ) at 3,600 rpm; fuel required: 99-octanes petrol.

Net horsepower output: unknown.

### Engine ( building ):

High performance camshaft; four Rochester downdraft carburettors; AC 44FF spark plugs; double exhaust.

### Transmission ( rear-wheel drive ):

Standard three speed manual gearbox, 2<sup>nd</sup> and 3<sup>rd</sup> gears synchronised, floor-mounted shift lever, ratios: 1<sup>st</sup> 3.22, 2<sup>nd</sup> 1.84, 3<sup>rd</sup> 1, reverse 3.65. Final drive ratio ( hypoid differential ): 3.556 ( 9/32 ) or 3.273 ( 11/36 ), Corsa only 3.556 ( 9/32 ).

Optional four speed manual gearbox, all gears synchronised, floor-mounted shift lever, ratios: 1<sup>st</sup> 3.2, 2<sup>nd</sup> 2.19, 3<sup>rd</sup> 1.44, 4<sup>th</sup> 1, reverse 3.66. Final drive ratio ( hypoid differential ): 3.556 ( 9/32 ) or 3.273 ( 11/36 ), Corsa only 3.556 ( 9/32 ).

Optional two speed automatic gearbox ( Powerglide Corvair; not available on Corsa models ), L-D-N-R positions, range selector on instrument panel, ratios: Low 1.82, Direct 1, reverse 1.82. Final drive ratio ( hypoid

differential ): 3.556 ( 9/32 ). Torque converter factor: 2.6 : 1.

### Performance:

Maximum speed ( estimated ) 170 kph, Convertible 165 kph; 1,000 rpm speed in highest gear 31.5 kph; weight / power ratio from 7.7 kg / HP; fuel consumption ( estimated ) 13 to 26 litres / 100 km.

Four speed manual gearbox: Fuel consumption ( estimated ) 13 to 22 litres / 100 km.

Powerglide gearbox: Maximum speed ( estimated ) 165 kph, Convertible 160 kph; fuel consumption ( estimated ) 14 to 23 litres / 100 km.

## 2.7 - 180 HP Carburettor/Turbo

As 164 Turbo-Air 95-hp, except for:

### Models and weights:

#### Corvair Corsa 164 Turbo-Charged 180-hp

2-Door Sport Coupe, 2 doors, 4 seats; 1,123 kg.

2-Door Convertible, 2 doors, 4 seats; 1,229 kg.

Extra weights: air conditioning 47 kg.

### Engine specs ( SAE gross ):

6 horizontally opposed cylinders ( 87.313 x 74.613 mm ); 2,680 ccm displacement; compression ratio 8.25 : 1; horsepower output 180 HP at 4,000 rpm; specific output 67.2 HP / litre; torque output 359 Nm ( 36.6 kpm ) at 3,200 rpm; fuel required: 99-octanes petrol.

Net horsepower output: unknown.

### Engine ( building ):

High performance camshaft; Carter horizontal carburettor; Thompson centrifugal turbocharger; AC 44FF spark plugs; double exhaust.

### Transmission ( rear-wheel drive ):

Standard three speed manual gearbox, 2<sup>nd</sup> and 3<sup>rd</sup> gears synchronised, floor-mounted shift lever, ratios: 1<sup>st</sup> 3.22, 2<sup>nd</sup> 1.84, 3<sup>rd</sup> 1, reverse 3.65. Final drive ratio ( hypoid differential ): 3.556 ( 9/32 ).

Optional four speed manual gearbox, all gears synchronised, floor-mounted shift lever, ratios: 1<sup>st</sup> 3.2, 2<sup>nd</sup> 2.19, 3<sup>rd</sup> 1.44, 4<sup>th</sup> 1, reverse 3.66. Final drive ratio ( hypoid differential ): 3.556 ( 9/32 ).

### Performance:

Maximum speed ( estimated ) 170 kph; 1,000 rpm speed in highest gear 31.5 kph; weight / power ratio from 6.2 kg / HP; fuel consumption ( estimated ) 12 to 26 litres / 100 km.

Four speed manual gearbox: Fuel consumption ( estimated ) 12 to 22 litres / 100 km.

### Price list and production:

Model	Base price	Production
500 4-Door Sport Sedan	\$2,096	17,560
500 2-Door Sport Coupe	\$2,022	36,747
Monza 4-Door Sport Sedan	\$2,370	37,157
Monza 2-Door Sport Coupe	\$2,297	88,954
Monza 2-Door Convertible	\$2,440	26,466
Corsa 2-Door Sport Coupe	\$2,465	20,291
Corsa 2-Door Convertible	\$2,608	8,353
<b>TOTAL</b>		235,528

### Standard equipment:

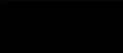
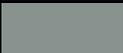
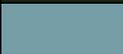
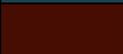
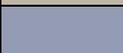
**500:** turn signals, electric windshield wipers, heater and defroster, dual sun visors, front seat belts, front armrests, front foam seat cushions, locking glovebox, cigarette lighter, coat hooks, interior light. **Monza adds:** rocker sill mouldings, full wheel covers, front bucket seats, carpeting, courtesy and glovebox lights, rear door armrests, back up lights, folding rear seats ( except Convertible ). **Corsa adds:** "Corsa" badge, electric clock, full instrumentation panel, Satin Silver special ornamentation, special interior trim.

### Optional equipment:

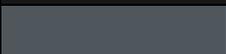
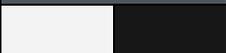
Four speed manual gearbox ( \$92 ); Powerglide gearbox ( \$157, except Corsa Turbo-Charged 180-hp ); Turbo-Air engine 110-hp ( \$27 ); Turbo-Air 140-hp engine ( \$81 ); heavy duty 70 Ah battery ( \$8 ); 47 A alternator ( \$16, standard with air conditioning ); heavy duty air cleaner ( \$32, only without air conditioning ); Positraction limited slip differential ( \$38 ); seat belts with retractor ( \$8 ); air conditioning ( \$350, except 140-hp engine ); Soft Ray tinted glass ( \$27 ); windshield tinted glass ( \$13 ); rear door armrests ( \$10 ); folding rear seats ( \$27, except Convertible ); Sport Style steering wheel ( \$32 ); Sport style telescopic steering wheel ( \$75 ); electric clock ( \$16 ); manual radio with front antenna ( \$50 ); pushbutton AM radio with front antenna ( \$59 ); AM/FM radio with front antenna ( \$137 ); rear antenna ( free, instead of front antenna ); whitewall tyres ( \$29 ); wheel covers ( \$11 ); wire wheel covers ( \$70 for 500, \$59 for Monza/Corsa ); spare wheel lock ( \$5 ); two-tone paint ( \$11, only 500 Sedan ); power Convertible top in three different colours ( \$54 ). Convenience Group ( \$39, for 500, including left outside rear view mirror, non-glare inside mirror, two-speed wiper/washer, back up and glovebox lights ). Comfort

Convenience Group ( \$29 for Monza/Corsa, including left outside rear view mirror, non-glare inside mirror and two-speed wiper/washer ). Convenience Group B ( \$48, for 500, including left outside rear view remote-control mirror, non-glare inside mirror, two-speed wiper/washer, back up and glovebox lights ). Comfort Convenience Group B ( \$29, for Monza/Corsa, including left outside rear view remote-control mirror, non-glare inside mirror and two-speed wiper/washer ).

**List of paint colours:**

	A	Tuxedo Black
	C	Ermine White
	D	Mist Blue Iridescent
	E	Danube Blue Iridescent
	H	Willow Green Iridescent
	J	Cypress Green Iridescent
	K	Artesian Turquoise Iridescent
	L	Tahitian Turquoise Iridescent
	N	Madeira Maroon Iridescent
	P	Evening Orchid Iridescent ( not available on 500 models )
	R	Regal Red
	S	Sierra Tan Iridescent
	V	Cameo Beige
	W	Glacier Gray Iridescent ( not available on 500 models )
	Y	Crocus Yellow ( not available on 500 models )

**List of interior trims available:**

<b>Corvair 500</b>	
	Fawn Vinyl
	Aqua Vinyl
	Red Vinyl
<b>Corvair Monza &amp; Corsa</b>	
	Red Vinyl
	Blue Vinyl
	Saddle Vinyl
	Black Vinyl
	Slate Vinyl
	White & Black Vinyl ( except Sport Sedan )

**VIN identifier (thirteen digit code):**

First digit: 1 for Chevrolet.

Second and third digits: Series ( 01 for 500, 05 for Monza, 07 for Corsa ).

Fourth and five digits: Body style ( 37 for 2-Door Sport Coupe, 39 for 4-Door Sport Sedan, 67 for 2-Door Convertible ).

Sixth digit: 5 for 1965.

Seventh digit: a letter identifying the assembly plant ( Atlanta, GA (A); Baltimore, MD (B); Southgate, CA (C); Flint, MI (F); Framingham, MA (G); Janesville, WI (J); Kansas City, MO (K); Los Angeles, CA (L); Norwood, OH (N); Oakland, CA (O); Pontiac, MI (P); Arlington, TX (R); St. Louis, MO (S); Tarrytown, NY (T); Lordstown, OH (U); Willow Run, MI (W); Wilmington, DE (Y); Fremont, CA (Z), Oshawa, CND (1) ).

Eighth to thirteenth digits: Serial number, starting on 100001 and up.

**THE 1965 MODELS**



**Corvair 500 4-Door Sport Sedan**



**Corvair 500 2-Door Sport Coupe**



**Corvair Monza 4-Door Sport Sedan**



**Corvair Monza 2-Door Sport Coupe**



**Corvair Monza 2-Door Convertible**



**Corvair Corsa 2-Door Sport Coupe**



**Corvair Corsa 2-Door Convertible**

## 1966

*Introduced on October 7, 1965*

### **CHANGES**

#### *Mechanical changes:*

Manual transmissions improved and fully synchronised. Larger tire size.

#### *Styling changes:*

New one piece rear grille and taillights, slimmer mouldings, widened front panel trim bar painted in blue instead of red, Chevrolet ornament reshaped, Corvair signature relocated, new spoiler below the front bumper.

### **2.7 - 95 HP 2 carburetors**

#### **Models and weights:**

##### Corvair 500 164 Turbo-Air 95-hp

4-Door Sport Sedan, 4 doors, 6 seats; 1,109 kg.

2-Door Sport Coupe, 2 doors, 5 seats; 1,089 kg.

##### Corvair Monza 164 Turbo-Air 95-hp

4-Door Sport Sedan, 4 doors, 5 seats; 1,132 kg.

2-Door Sport Coupe, 2 doors, 5 seats; 1,109 kg.

2-Door Convertible, 2 doors, 5 seats; 1,213 kg.

Optional Powerglide gearbox: 6 kg plus.

Extra weights: air conditioning 52 kg.

#### **Engine specs ( SAE gross ):**

6 horizontally opposed cylinders ( 87.313 x 74.613 mm );  
2,680 ccm displacement; compression ratio 8.25 : 1;  
horsepower output 95 HP at 3,600 rpm; specific output  
35.4 HP / litre; torque output 209 Nm ( 21.3 kpm ) at  
2,400 rpm; fuel required: 92-octanes petrol.

Net horsepower output: 78 HP at 3,600 rpm; specific  
output 29.1 HP / litre.

#### **Engine ( building ):**

General Motors Chevrolet Turbo-Air Six 164 design.  
Longitudinally mounted rear-engine; light alloy engine  
block and cylinder head; two overhead valves per cylinder;  
central camshaft with sprockets; four main bearings. Two  
Rochester downdraft carburetors; AC 46FF spark plugs;  
air-cooled engine, with horizontal, centrifugal blower; 3.8  
litres of oil; 12 V 44 / 70 Ah battery, 37 / 47 A alternator.

#### **Transmission ( rear-wheel drive ):**

Standard manual gearbox: monodisc clutch, 20.3 cm  
diameter; 1.4 litres of transmission oil; 1.9 litres of final  
drive oil.

Optional automatic gearbox: 2.8 litres of transmission oil;  
1.9 litres of final drive oil.

Standard three speed manual gearbox, all gears  
synchronised, floor-mounted shift lever, ratios: 1<sup>st</sup> 3.11,  
2<sup>nd</sup> 1.84, 3<sup>rd</sup> 1, reverse 3.22. Final drive ratio ( hypoid  
differential ): 3.273 ( 11/36 ) or 3.556 ( 9/32 ).

## 2.7 - 110 HP 2 carburetors

**As 164 Turbo-Air 95-hp, except for:**

### Models and weights:

#### Corvair 500 164 Turbo-Air 110-hp

4-Door Sport Sedan, 4 doors, 6 seats; 1,109 kg.

2-Door Sport Coupe, 2 doors, 5 seats; 1,089 kg.

#### Corvair Monza 164 Turbo-Air 110-hp

4-Door Sport Sedan, 4 doors, 5 seats; 1,132 kg.

2-Door Sport Coupe, 2 doors, 5 seats; 1,109 kg.

2-Door Convertible, 2 doors, 5 seats; 1,213 kg.

Optional Powerglide gearbox: 6 kg plus.

Extra weights: air conditioning 52 kg.

### Engine specs ( SAE gross ):

6 horizontally opposed cylinders ( 87.313 x 74.613 mm ); 2,680 ccm displacement; compression ratio 9.25 : 1; horsepower output 110 HP at 4,400 rpm; specific output 41 HP / litre; torque output 217 Nm ( 22.1 kpm ) at 2,600 rpm; fuel required: 99 to 101-octanes petrol.

Net horsepower output: 90 HP at 4,000 rpm; specific output 33.6 HP / litre.

### Engine ( building ):

High performance camshaft; AC 44FF spark plugs.

### Transmission ( rear-wheel drive ):

Standard three speed manual gearbox, all gears synchronised, floor-mounted shift lever, ratios: 1<sup>st</sup> 3.11, 2<sup>nd</sup> 1.84, 3<sup>rd</sup> 1, reverse 3.22. Final drive ratio ( hypoid differential ): 3.273 ( 11/36 ) or 3.556 ( 9/32 ).

Optional four speed manual gearbox, all gears synchronised, floor-mounted shift lever, ratios: 1<sup>st</sup> 3.11, 2<sup>nd</sup> 2.2, 3<sup>rd</sup> 1.47, 4<sup>th</sup> 1, reverse 3.11. Final drive ratio ( hypoid differential ): 3.273 ( 11/36 ) or 3.556 ( 9/32 ).

Optional two speed automatic gearbox ( Powerglide Corvair ), L-D-N-R positions, range selector on instrument panel, ratios: Low 1.82, Direct 1, reverse 1.82. Final drive ratio ( hypoid differential ): 3.556 ( 9/32 ). Torque converter factor: 2.6 : 1.

### Performance:

Maximum speed ( estimated ) 160 kph, Convertible 155 kph; 1,000 rpm speed in 3<sup>rd</sup> gear 35.1 kph; weight / power ratio from 9.9 kg / HP; fuel consumption ( estimated ) 11 to 21 litres / 100 km.

Four speed manual gearbox: 1,000 rpm speed in 4<sup>th</sup> gear 35.1 kph; fuel consumption ( estimated ) 11 to 18 litres / 100 km.

Optional four speed manual gearbox, all gears synchronised, floor-mounted shift lever, ratios: 1<sup>st</sup> 3.11, 2<sup>nd</sup> 2.2, 3<sup>rd</sup> 1.47, 4<sup>th</sup> 1, reverse 3.11. Final drive ratio ( hypoid differential ): 3.273 ( 11/36 ) or 3.556 ( 9/32 ).

Optional two speed automatic gearbox ( Powerglide Corvair ), L-D-N-R positions, range selector on instrument panel, ratios: Low 1.82, Direct 1, reverse 1.82. Final drive ratio ( hypoid differential ): 3.273 ( 11/36 ) or 3.556 ( 9/32 ). Torque converter factor: 2.6 : 1.

Optional Positraction limited slip differential.

### Platform:

Body frame integral; front and rear independent suspension, front wishbones with torque arms and coil springs, rear with upper half-shafts and lower trailing torque arms; hydraulic telescopic shock absorbers. Front side anti-roll bar.

### Drivetrain:

Four hydraulic, self-adjusting drum brakes, 24.1 cm diameter; mechanical rear-wheel handbrake; Saginaw recirculating ball steering type, unknown overall ratio; 53 litres fuel tank; 7.00 - 13 tyres, 6 J rims, 4-ply tubeless tyres.

### Dimensions:

274.3 cm wheelbase, 139.7 / 145.3 cm tracks, 11.40 / 10.73 metres turning circle ( between walls / curbs ), 13.7 cm ground clearance, 465.6 cm length, 177 cm width, 130.3 cm ( Sedan 130 cm, Convertible 130.8 cm ) height.

Trunk capacity: 198 cdm.

Interior dimensions:

Front: 106.9 cm ( Sedan 104.4 cm ) legroom, 95.2 cm ( Sedan 95.5 cm ) headroom, 137.7 cm ( Sedan 137.9 cm ) shoulder room, 142.5 cm hip room.

Rear: 83.3 cm ( Sedan 89.9 cm ) legroom, 89.9 cm ( Sedan 92.5 cm ) headroom, 133.9 cm ( Sedan 137.9 cm ) shoulder room, 142.5 cm hip room.

### Performance:

Maximum speed ( estimated ) 150 kph; 1,000 rpm speed in highest gear 35.1 kph; weight / power ratio from 11.5 kg / HP; fuel consumption ( estimated ) 11 to 21 litres / 100 km.

Four speed manual gearbox: Fuel consumption ( estimated ) 10 to 18 litres / 100 km.

Powerglide gearbox: Maximum speed ( estimated ) 145 kph; fuel consumption ( estimated ) 11 to 19 litres / 100 km.

Powerglide gearbox: Maximum speed ( estimated ) 150 kph, Convertible 145 kph; 1,000 rpm speed in direct gear 32.4 kph; fuel consumption ( estimated ) 12 to 20 litres / 100 km.

## **2.7 - 140 HP 4 carburettors**

**As 164 Turbo-Air 95-hp, except for:**

### **Models and weights:**

#### Corvair 500 164 Turbo-Air 140-hp

4-Door Sport Sedan, 4 doors, 6 seats; 1,109 kg.

2-Door Sport Coupe, 2 doors, 5 seats; 1,089 kg.

#### Corvair Monza 164 Turbo-Air 140-hp

4-Door Sport Sedan, 4 doors, 5 seats; 1,132 kg.

2-Door Sport Coupe, 2 doors, 5 seats; 1,109 kg.

2-Door Convertible, 2 doors, 5 seats; 1,213 kg.

#### Corvair Corsa 164 Turbo-Air 140-hp

2-Door Sport Coupe, 2 doors, 4 seats; 1,127 kg.

2-Door Convertible, 2 doors, 4 seats; 1,234 kg.

Optional Powerglide gearbox ( not available on Corsa models ): 6 kg plus.

### **Engine specs ( SAE gross ):**

6 horizontally opposed cylinders ( 87.313 x 74.613 mm ); 2,680 ccm displacement; compression ratio 9.25 : 1; horsepower output 140 HP at 5,200 rpm; specific output 52.2 HP / litre; torque output 217 Nm ( 22.1 kpm ) at 3,600 rpm; fuel required: 99 to 101-octanes petrol.

Net horsepower output: unknown.

### **Engine ( building ):**

High performance camshaft; four Rochester downdraft carburettors; AC 44FF spark plugs; double exhaust.

### **Transmission ( rear-wheel drive ):**

Standard three speed manual gearbox, all gears synchronised, floor-mounted shift lever, ratios: 1<sup>st</sup> 3.11, 2<sup>nd</sup> 1.84, 3<sup>rd</sup> 1, reverse 3.22. Final drive ratio ( hypoid differential ): 3.556 ( 9/32 ) or 3.273 ( 11/36 ), Corsa only 3.556 ( 9/32 ).

Optional four speed manual gearbox, all gears synchronised, floor-mounted shift lever, ratios: 1<sup>st</sup> 3.11, 2<sup>nd</sup> 2.2, 3<sup>rd</sup> 1.47, 4<sup>th</sup> 1, reverse 3.11. Final drive ratio ( hypoid differential ): 3.556 ( 9/32 ) or 3.273 ( 11/36 ), Corsa only 3.556 ( 9/32 ).

Optional two speed automatic gearbox ( Powerglide Corvair; not available on Corsa models ), L-D-N-R positions, range selector on instrument panel, ratios: Low 1.82, Direct 1, reverse 1.82. Final drive ratio ( hypoid

differential ): 3.556 ( 9/32 ). Torque converter factor: 2.6 : 1.

### **Performance:**

Maximum speed ( estimated ) 175 kph, Convertible 170 kph; 1,000 rpm speed in highest gear 32.4 kph; weight / power ratio from 7.8 kg / HP; fuel consumption ( estimated ) 13 to 25 litres / 100 km.

Four speed manual gearbox: Fuel consumption ( estimated ) 13 to 22 litres / 100 km.

Powerglide gearbox: Maximum speed ( estimated ) 170 kph, Convertible 165 kph; fuel consumption ( estimated ) 13 to 23 litres / 100 km.

## **2.7 - 180 HP Carburettor/Turbo**

**As 164 Turbo-Air 95-hp, except for:**

### **Models and weights:**

#### Corvair Corsa 164 Turbo-Charged 180-hp

2-Door Sport Coupe, 2 doors, 4 seats; 1,127 kg.

2-Door Convertible, 2 doors, 4 seats; 1,234 kg.

Extra weights: air conditioning 52 kg.

### **Engine specs ( SAE gross ):**

6 horizontally opposed cylinders ( 87.313 x 74.613 mm ); 2,680 ccm displacement; compression ratio 8.25 : 1; horsepower output 180 HP at 4,000 rpm; specific output 67.2 HP / litre; torque output 359 Nm ( 36.6 kpm ) at 3,200 rpm; fuel required: 99 to 101-octanes petrol.

Net horsepower output: unknown.

### **Engine ( building ):**

High performance camshaft; Carter horizontal carburettor; Thompson centrifugal turbocharger; AC 44FF spark plugs; double exhaust.

### **Transmission ( rear-wheel drive ):**

Standard three speed manual gearbox, all gears synchronised, floor-mounted shift lever, ratios: 1<sup>st</sup> 3.11, 2<sup>nd</sup> 1.84, 3<sup>rd</sup> 1, reverse 3.22. Final drive ratio ( hypoid differential ): 3.556 ( 9/32 ).

Optional four speed manual gearbox, all gears synchronised, floor-mounted shift lever, ratios: 1<sup>st</sup> 3.11, 2<sup>nd</sup> 2.2, 3<sup>rd</sup> 1.47, 4<sup>th</sup> 1, reverse 3.11. Final drive ratio ( hypoid differential ): 3.556 ( 9/32 ).

### **Performance:**

Maximum speed ( estimated ) 175 kph; 1,000 rpm speed in highest gear 32.4 kph; weight / power ratio from 6.3 kg / HP; fuel consumption ( estimated ) 12 to 25 litres / 100 km.

Four speed manual gearbox: Fuel consumption (estimated) 11 to 21 litres / 100 km.

wheel lock ( \$5 ); two-tone paint ( \$11, only 500 Sedan ); power Convertible top in three different colours ( \$54 ).

**Price list and production:**

Model	Base price	Production
500 4-Door Sport Sedan	\$2,157	8,779
500 2-Door Sport Coupe	\$2,083	24,045
Monza 4-Door Sport Sedan	\$2,424	12,497
Monza 2-Door Sport Coupe	\$2,350	37,605
Monza 2-Door Convertible	\$2,493	10,345
Corsa 2-Door Sport Coupe	\$2,519	7,330
Corsa 2-Door Convertible	\$2,662	3,142
<b>TOTAL</b>		103,743

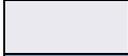
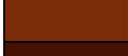
**Standard equipment:**

**500:** turn signals, two-speed electric windshield wipers, windshield washers, heater and defroster, dual padded sun visors, front and rear seat belts, front armrests, front foam seat cushions, locking glovebox, front ashtray, cigarette lighter, coat hooks, interior light, padded dash, back up lights, left outside rear view mirror, non-glare inside mirror. **Monza adds:** rocker panel mouldings, bright metal roof gutter trim, full wheel covers with Monza insert, front bucket seats, carpeting, luggage compartment mat, courtesy and glovebox lights, rear door armrests, front and rear foam seat cushions, front and rear ashtrays, folding rear seats ( except Convertible ). **Corsa adds:** “Corsa” badge, electric clock, full instrumentation panel, Satin Silver special ornamentation, special interior trim.

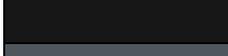
**Optional equipment:**

Four speed manual gearbox ( \$92 ); Powerglide gearbox ( \$157, except Corsa Turbo-Charged 180-hp ); Turbo-Air engine 110-hp ( \$27 ); Turbo-Air 140-hp engine ( \$81 ); heavy duty 70 Ah battery ( \$8 ); 47 A alternator ( \$16, standard with air conditioning ); heavy duty air cleaner ( \$32, only without air conditioning ); Positraction limited slip differential ( \$38 ); seat belts with retractor ( \$8 ); air conditioning ( \$350, except 140-hp engine ); Soft Ray tinted glass ( \$27 ); windshield tinted glass ( \$13 ); rear door armrests ( \$10 ); folding rear seats ( \$27, except Convertible ); Sport Style steering wheel ( \$32 ); Sport style telescopic steering wheel ( \$75 ); electric clock ( \$16 ); manual radio with front antenna ( \$50 ); pushbutton AM radio with front antenna ( \$59 ); AM/FM radio with front antenna ( \$137 ); rear antenna ( free, instead of front antenna ); whitewall tyres ( \$29 ); wheel covers ( \$11 ); wire wheel covers ( \$70 for 500, \$59 for Monza/Corsa ); spare

**List of paint colours:**

	A	Tuxedo Black
	C	Ermine White
	D	Mist Blue Iridescent
	E	Danube Blue Iridescent
	F	Marina Blue Iridescent ( not available on 500 models )
	H	Willow Green Iridescent
	K	Artesian Turquoise Iridescent
	L	Tropic Turquoise Iridescent
	M	Aztec Bronze Iridescent
	N	Madeira Maroon Iridescent
	R	Regal Red
	T	Sandalwood Tan Iridescent
	V	Cameo Beige
	W	Chateau Slate Iridescent ( not available on 500 models )
	Y	Lemonwood Yellow ( not available on 500 models )

**List of interior trims available:**

Corvaire 500	
	Fawn Vinyl
	Blue Vinyl
	Red Vinyl
Corvaire Monza & Corsa	
	Red Vinyl
	Bright Blue Vinyl
	Turquoise Vinyl
	Saddle Vinyl
	Bronze Vinyl
	Black Vinyl
	Slate Vinyl
	White & Black Vinyl ( except Sport Sedan )

**VIN identifier (thirteen digit code):**

First digit: 1 for Chevrolet.

Second and third digits: Series ( 01 for 500, 05 for Monza, 07 for Corsa ).

Fourth and five digits: Body style ( 37 for 2-Door Sport Coupe, 39 for 4-Door Sport Sedan, 67 for 2-Door Convertible ).

Sixth digit: 6 for 1966.

Seventh digit: a letter identifying the assembly plant ( Atlanta, GA (A); Baltimore, MD (B); Southgate, CA (C); Flint, MI (F); Framingham, MA (G); Janesville, WI (J); Kansas City, MO (K); Los Angeles, CA (L); Norwood, OH (N); Pontiac, MI (P); Arlington, TX (R); St. Louis, MO (S); Tarrytown, NY (T); Lordstown, OH (U); Willow Run, MI (W); Wilmington, DE (Y); Fremont, CA (Z), Oshawa, CND (1) ).

Eighth to thirteenth digits: Serial number, starting on 100001 and up.



**Corvair Monza 2-Door Convertible**

## THE 1966 MODELS



**Corvair 500 4-Door Sport Sedan**



**Corvair Corsa 2-Door Sport Coupe**



**Corvair 500 2-Door Sport Coupe**



**Corvair Corsa 2-Door Convertible**



**Corvair Monza 4-Door Sport Sedan**



**Corvair Monza 2-Door Sport Coupe**

## 1967

*Introduced on September 29, 1966*

## LIST OF MODELS DROPPED

**September 1966:** Corsa 2-Door Sport Coupe, Corsa 2-Door Convertible.

## **CHANGES**

### *Mechanical changes:*

Turbocharged engine dropped. Standard dual circuit brakes.

### *Styling changes:*

New bucket seats, new steering wheel, colour-keyed window handle knobs, wider taillamp bezels, heavier dash padding.

## **2.7 - 95 HP 2 carburetors**

### **Models and weights:**

#### **Corvair 500 164 Turbo-Air 95-hp**

4-Door Sport Sedan, 4 doors, 6 seats; 1,120 kg.

2-Door Sport Coupe, 2 doors, 5 seats; 1,105 kg.

#### **Corvair Monza 164 Turbo-Air 95-hp**

4-Door Sport Sedan, 4 doors, 5 seats; 1,141 kg.

2-Door Sport Coupe, 2 doors, 5 seats; 1,118 kg.

2-Door Convertible, 2 doors, 5 seats; 1,222 kg.

Optional four speed manual gearbox: 1 kg plus.

Optional Powerglide gearbox: 4 kg plus.

Extra weights: air conditioning 47 kg.

### **Engine specs ( SAE gross ):**

6 horizontally opposed cylinders ( 87.313 x 74.613 mm ); 2,680 ccm displacement; compression ratio 8.25 : 1; horsepower output 95 HP at 3,600 rpm; specific output 35.4 HP / litre; torque output 209 Nm ( 21.3 kpm ) at 2,400 rpm; fuel required: 92-octanes petrol.

Net horsepower output: 78 HP at 3,600 rpm; specific output 29.1 HP / litre.

### **Engine ( building ):**

General Motors Chevrolet Turbo-Air Six 164 design. Longitudinally mounted rear-engine; light alloy engine block and cylinder head; two overhead valves per cylinder; central camshaft with sprockets; four main bearings. Two Rochester downdraft carburetors; AC 46FF spark plugs; air-cooled engine, with horizontal, centrifugal blower; 3.8 litres of oil; 12 V 45 / 70 Ah battery, 37 / 47 A alternator.

### **Transmission ( rear-wheel drive ):**

Standard manual gearbox: monodisc clutch, 20.3 cm diameter; 1.8 litres of transmission oil; 1.9 litres of final drive oil.

Optional automatic gearbox: 2.8 litres of transmission oil; 1.9 litres of final drive oil.

Standard three speed manual gearbox, all gears synchronised, floor-mounted shift lever, ratios: 1<sup>st</sup> 3.11, 2<sup>nd</sup> 1.84, 3<sup>rd</sup> 1, reverse 3.22. Final drive ratio ( hypoid differential ): 3.273 ( 11/36 ) or 3.556 ( 9/32 ).

Optional four speed manual gearbox, all gears synchronised, floor-mounted shift lever, ratios: 1<sup>st</sup> 3.11, 2<sup>nd</sup> 2.2, 3<sup>rd</sup> 1.47, 4<sup>th</sup> 1, reverse 3.11. Final drive ratio ( hypoid differential ): 3.273 ( 11/36 ) or 3.556 ( 9/32 ).

Optional two speed automatic gearbox ( Powerglide Corvair ), L-D-N-R positions, range selector on instrument panel, ratios: Low 1.82, Direct 1, reverse 1.82. Final drive ratio ( hypoid differential ): 3.273 ( 11/36 ) or 3.556 ( 9/32 ). Torque converter factor: 2.4 : 1.

Optional Positraction limited slip differential.

### **Platform:**

Body frame integral; front and rear independent suspension, front wishbones with torque arms and coil springs, rear with upper half-shafts and lower trailing torque arms; hydraulic telescopic shock absorbers. Front side anti-roll bar.

### **Drivetrain:**

Four hydraulic, dual circuit, self-adjusting drum brakes, 24.1 cm diameter; mechanical rear-wheel handbrake; Saginaw recirculating ball steering type, unknown overall ratio; 53 litres fuel tank; 7.00 - 13 tyres, 6 J rims, 4-ply tubeless tyres.

### **Dimensions:**

274.3 cm wheelbase, 139.7 / 145.3 cm tracks, 11.40 / 10.73 metres turning circle ( between walls / curbs ), 13.7 cm ground clearance, 465.6 cm length, 177 cm width, 130.3 cm ( Sedan 130 cm, Convertible 130.8 cm ) height.

Trunk capacity: 198 cdm.

Interior dimensions:

Front: 106.9 cm ( Sedan 104.4 cm ) legroom, 95.2 cm ( Sedan 95.5 cm ) headroom, 137.7 cm ( Sedan 137.9 cm ) shoulder room, 142.5 cm hip room.

Rear: 83.3 cm ( Sedan 89.9 cm ) legroom, 89.9 cm ( Sedan 92.5 cm ) headroom, 133.9 cm ( Sedan 137.9 cm ) shoulder room, 142.5 cm hip room.

### **Performance:**

Maximum speed ( estimated ) 150 kph; 1,000 rpm speed in highest gear 35.1 kph; weight / power ratio from 11.6 kg / HP; fuel consumption ( estimated ) 11 to 21 litres / 100 km.

Four speed manual gearbox: Fuel consumption ( estimated ) 10 to 18 litres / 100 km.

Powerglide gearbox: Maximum speed ( estimated ) 145 kph; fuel consumption ( estimated ) 11 to 19 litres / 100 km.

## **2.7 - 110 HP 2 carburettors**

**As 164 Turbo-Air 95-hp, except for:**

### **Models and weights:**

#### Corvair 500 164 Turbo-Air 110-hp

4-Door Sport Sedan, 4 doors, 6 seats; 1,120 kg.

2-Door Sport Coupe, 2 doors, 5 seats; 1,105 kg.

#### Corvair Monza 164 Turbo-Air 110-hp

4-Door Sport Sedan, 4 doors, 5 seats; 1,141 kg.

2-Door Sport Coupe, 2 doors, 5 seats; 1,118 kg.

2-Door Convertible, 2 doors, 5 seats; 1,222 kg.

Optional four speed manual gearbox: 1 kg plus.

Optional Powerglide gearbox: 4 kg plus.

Extra weights: air conditioning 47 kg.

### **Engine specs ( SAE gross ):**

6 horizontally opposed cylinders ( 87.313 x 74.613 mm ); 2,680 ccm displacement; compression ratio 9.25 : 1; horsepower output 110 HP at 4,400 rpm; specific output 41 HP / litre; torque output 217 Nm ( 22.1 kpm ) at 2,600 rpm; fuel required: 99 to 101-octanes petrol.

Net horsepower output: 90 HP at 4,000 rpm; specific output 33.6 HP / litre.

### **Engine ( building ):**

High performance camshaft; AC 44FF spark plugs.

### **Transmission ( rear-wheel drive ):**

Standard three speed manual gearbox, all gears synchronised, floor-mounted shift lever, ratios: 1<sup>st</sup> 3.11, 2<sup>nd</sup> 1.84, 3<sup>rd</sup> 1, reverse 3.22. Final drive ratio ( hypoid differential ): 3.273 ( 11/36 ) or 3.556 ( 9/32 ).

Optional four speed manual gearbox, all gears synchronised, floor-mounted shift lever, ratios: 1<sup>st</sup> 3.11, 2<sup>nd</sup> 2.2, 3<sup>rd</sup> 1.47, 4<sup>th</sup> 1, reverse 3.11. Final drive ratio ( hypoid differential ): 3.273 ( 11/36 ) or 3.556 ( 9/32 ).

Optional two speed automatic gearbox ( Powerglide Corvair ), L-D-N-R positions, range selector on instrument panel, ratios: Low 1.82, Direct 1, reverse 1.82. Final drive ratio ( hypoid differential ): 3.556 ( 9/32 ). Torque converter factor: 2.4 : 1.

### **Performance:**

Maximum speed ( estimated ) 160 kph, Convertible 155 kph; 1,000 rpm speed in 3<sup>rd</sup> gear 35.1 kph; weight / power

ratio from 10 kg / HP; fuel consumption ( estimated ) 11 to 21 litres / 100 km.

Four speed manual gearbox: 1,000 rpm speed in 4<sup>th</sup> gear 35.1 kph; fuel consumption ( estimated ) 11 to 18 litres / 100 km.

Powerglide gearbox: Maximum speed ( estimated ) 150 kph, Convertible 145 kph; 1,000 rpm speed in direct gear 32.4 kph; fuel consumption ( estimated ) 12 to 20 litres / 100 km.

## **2.7 - 140 HP 4 carburettors**

**As 164 Turbo-Air 95-hp, except for:**

### **Models and weights:**

#### Corvair 500 164 Turbo-Air 140-hp

4-Door Sport Sedan, 4 doors, 6 seats; 1,120 kg.

2-Door Sport Coupe, 2 doors, 5 seats; 1,105 kg.

#### Corvair Monza 164 Turbo-Air 140-hp

4-Door Sport Sedan, 4 doors, 5 seats; 1,141 kg.

2-Door Sport Coupe, 2 doors, 5 seats; 1,118 kg.

2-Door Convertible, 2 doors, 5 seats; 1,222 kg.

Optional four speed manual gearbox: 1 kg plus.

Optional Powerglide gearbox: 4 kg plus.

Extra weights: air conditioning 47 kg.

### **Engine specs ( SAE gross ):**

6 horizontally opposed cylinders ( 87.313 x 74.613 mm ); 2,680 ccm displacement; compression ratio 9.25 : 1; horsepower output 140 HP at 5,200 rpm; specific output 52.2 HP / litre; torque output 217 Nm ( 22.1 kpm ) at 3,600 rpm; fuel required: 99 to 101-octanes petrol.

Net horsepower output: unknown.

### **Engine ( building ):**

High performance camshaft; four Rochester downdraft carburettors; AC 44FF spark plugs; double exhaust.

### **Transmission ( rear-wheel drive ):**

Standard three speed manual gearbox, all gears synchronised, floor-mounted shift lever, ratios: 1<sup>st</sup> 3.11, 2<sup>nd</sup> 1.84, 3<sup>rd</sup> 1, reverse 3.22. Final drive ratio ( hypoid differential ): 3.556 ( 9/32 ) or 3.273 ( 11/36 ).

Optional four speed manual gearbox, all gears synchronised, floor-mounted shift lever, ratios: 1<sup>st</sup> 3.11, 2<sup>nd</sup> 2.2, 3<sup>rd</sup> 1.47, 4<sup>th</sup> 1, reverse 3.11. Final drive ratio ( hypoid differential ): 3.556 ( 9/32 ) or 3.273 ( 11/36 ).

Optional two speed automatic gearbox ( Powerglide Corvair ), L-D-N-R positions, range selector on

instrument panel, ratios: Low 1.82, Direct 1, reverse 1.82. Final drive ratio ( hypoid differential ): 3.556 ( 9/32 ). Torque converter factor: 2.4 : 1.

**Performance:**

Maximum speed ( estimated ) 175 kph, Convertible 170 kph; 1,000 rpm speed in highest gear 32.4 kph; weight / power ratio from 7.9 kg / HP; fuel consumption ( estimated ) 13 to 25 litres / 100 km.

Four speed manual gearbox: Fuel consumption ( estimated ) 13 to 22 litres / 100 km.

Powerglide gearbox: Maximum speed ( estimated ) 170 kph, Convertible 165 kph; fuel consumption ( estimated ) 13 to 23 litres / 100 km.

**Price list and production:**

Model	Base price	Production
500 4-Door Sport Sedan	\$2,194	2,959
500 2-Door Sport Coupe	\$2,128	9,257
Monza 4-Door Sport Sedan	\$2,464	3,157
Monza 2-Door Sport Coupe	\$2,398	9,771
Monza 2-Door Convertible	\$2,540	2,695
<b>TOTAL</b>		27,253

**Standard equipment:**

**500:** turn signals, two-speed electric windshield wipers, windshield washers, heater and defroster, dual padded sun visors, front and rear seat belts, front seat belts with retractor, front armrests, front foam seat cushions, locking glovebox, front ashtray, cigarette lighter, coat hooks, interior light, energy-absorbing padded dash, energy-absorbing steering column, back up lights, left outside rear view mirror, non-glare inside mirror. **Monza adds:** rocker panel mouldings, bright metal roof gutter trim, full wheel covers with Monza insert, front bucket seats, carpeting, luggage compartment mat, courtesy and glovebox lights, rear door armrests, front and rear foam seat cushions, front and rear ashtrays, folding rear seats ( except Convertible ).

**Optional equipment:**

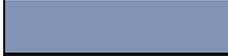
Four speed manual gearbox ( \$90 ); Powerglide gearbox ( \$148 ); Turbo-Air engine 110-hp ( \$26 ); Turbo-Air 140-hp engine ( \$79 ); heavy duty 70 Ah battery ( \$7 ); 47 A alternator ( \$16, standard with air conditioning ); heavy duty air cleaner ( \$6 ); air injection reactor ( \$45, mandatory in California models ); Positraction limited slip differential ( \$42 ); front shoulder seat belts ( \$23 ); rear centre seat belt ( \$6 ); front and rear Custom Deluxe seat

belts ( \$6 ); centre rear Custom Deluxe seat belt ( \$8 ); Custom Deluxe front shoulder seat belts ( \$26 ); door edge guards ( \$3 in Coupe and Convertible, \$6 in Sedan ), front or rear bumper guards ( \$10 ); speed warning indicator ( \$11 ); heavy duty suspension ( \$11 ); air conditioning ( \$342 ); Soft Ray tinted glass ( \$31 ); windshield tinted glass ( \$21 ); rear door armrests ( \$10 ); folding rear seats ( \$26, except Convertible ); Deluxe steering wheel ( \$7 for 500, \$4 for Monza ); Deluxe telescopic steering wheel ( \$42 ); electric clock ( \$16 ); manual radio with front antenna ( \$50 ); pushbutton AM radio with front antenna ( \$59 ); pushbutton AM radio with front antenna and rear speaker ( \$71 ); AM/FM radio with front antenna and rear speaker ( \$133 ); 8-track stereo-tape system ( \$129 ); rear antenna ( free, instead of front antenna ); whitewall tyres ( \$28 ); wheel covers ( \$11 ); wire wheel covers ( \$69 for 500, \$59 for Monza ); mag-style wheel covers ( \$73 for 500, \$63 for Monza ); spare wheel lock ( \$5 ); two-tone paint ( \$16, only 500 Sedan ); power Convertible top in four different colours ( \$53 ). Appearance Guard Group ( \$42 ).

**List of paint colours:**

	A	Tuxedo Black
	C	Ermine White
	D	Nantucket Blue Iridescent
	E	Deepwater Blue Iridescent
	F	Marina Blue Iridescent
	G	Granada Gold Iridescent
	H	Mountain Green Iridescent
	K	Emerald Turquoise Iridescent
	L	Tahoe Turquoise Iridescent
	M	Royal Plum Iridescent
	N	Madeira Maroon Iridescent
	R	Bolero Red
	S	Sierra Fawn Iridescent
	T	Capri Cream
	Y	Butternut Yellow

**List of interior trims available:**

Corvair 500	
	Fawn Vinyl
	Blue Vinyl
	Black Vinyl

*Continued on next page.*

Corvair Monza	
	Bright Blue Vinyl
	Black Vinyl
	Gold Vinyl



**Corvair Monza 4-Door Sport Sedan**



**Corvair Monza 2-Door Sport Coupe**



**Corvair Monza 2-Door Convertible**

**VIN identifier (thirteen digit code):**

First digit: 1 for Chevrolet.

Second and third digits: Series ( 01 for 500; 05 for Monza ).

Fourth and five digits: Body style ( 37 for 2-Door Sport Coupe, 39 for 4-Door Sport Sedan, 67 for 2-Door Convertible ).

Sixth digit: 7 for 1967.

Seventh digit: a letter identifying the assembly plant ( Atlanta, GA (A); Baltimore, MD (B); Southgate, CA (C); Flint, MI (F); Framingham, MA (G); Janesville, WI (J); Kansas City, MO (K); Los Angeles, CA (L); Norwood, OH (N); Pontiac, MI (P); Arlington, TX (R); St. Louis, MO (S); Tarrytown, NY (T); Lordstown, OH (U); Willow Run, MI (W); Wilmington, DE (Y); Fremont, CA (Z) ).

Eighth to thirteenth digits: Serial number, starting on 100001 and up.

**THE 1967 MODELS**



**Corvair 500 4-Door Sport Sedan**



**Corvair 500 2-Door Sport Coupe**

**1968**

*Introduced on September 21, 1967*

**LIST OF MODELS DROPPED**

**September 1967:** 500 4-Door Sport Sedan, Monza 4-Door Sport Sedan.

**CHANGES**

*Mechanical changes:*

Air conditioning option dropped. Shoulder seat belts standard since January 1, 1968.

*Styling changes:*

New front and rear side marker lamps, padded windshield pillar posts, restyled armrests, longer shift lever.

## 2.7 - 95 HP 2 carburetors

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### Models and weights:

#### Corvair 500 164 Turbo-Air 95-hp

2-Door Sport Coupe, 2 doors, 5 seats; 1,124 kg.

#### Corvair Monza 164 Turbo-Air 95-hp

2-Door Sport Coupe, 2 doors, 5 seats; 1,137 kg.

2-Door Convertible, 2 doors, 5 seats; 1,238 kg.

Optional four speed manual gearbox: 1 kg plus.

Optional Powerglide gearbox: 4 kg plus.

### Engine specs ( SAE gross ):

6 horizontally opposed cylinders ( 87.313 x 74.613 mm ); 2,680 ccm displacement; compression ratio 8.25 : 1; horsepower output 95 HP at 3,600 rpm; specific output 35.4 HP / litre; torque output 209 Nm ( 21.3 kpm ) at 2,400 rpm; fuel required: 94-octanes petrol.

Net horsepower output: 78 HP at 3,600 rpm; specific output 29.1 HP / litre.

### Engine ( building ):

General Motors Chevrolet Turbo-Air Six 164 design. Longitudinally mounted rear-engine; light alloy engine block and cylinder head; two overhead valves per cylinder; central camshaft with sprockets; four main bearings. Two Rochester downdraft carburetors; AC 46FF spark plugs; air-cooled engine, with horizontal, centrifugal blower; 3.8 litres of oil; 12 V 45 / 70 Ah battery, 37 A alternator.

### Transmission ( rear-wheel drive ):

Standard manual gearbox: monodisc clutch, 20.3 cm diameter; 1.8 litres of transmission oil; 1.9 litres of final drive oil.

Optional automatic gearbox: 2.8 litres of transmission oil; 1.9 litres of final drive oil.

Standard three speed manual gearbox, all gears synchronised, floor-mounted shift lever, ratios: 1<sup>st</sup> 3.11, 2<sup>nd</sup> 1.84, 3<sup>rd</sup> 1, reverse 3.22. Final drive ratio ( hypoid differential ): 3.556 ( 9/32 ).

Optional four speed manual gearbox, all gears synchronised, floor-mounted shift lever, ratios: 1<sup>st</sup> 3.11, 2<sup>nd</sup> 2.2, 3<sup>rd</sup> 1.47, 4<sup>th</sup> 1, reverse 3.11. Final drive ratio ( hypoid differential ): 3.556 ( 9/32 ).

Optional two speed automatic gearbox ( Powerglide Corvair ), L-D-N-R positions, range selector on instrument panel, ratios: Low 1.82, Direct 1, reverse 1.82. Final drive ratio ( hypoid differential ): 3.273 ( 11/36 ) or 3.556 ( 9/32 ). Torque converter factor: 2.4 : 1.

Optional Positraction limited slip differential.

### Platform:

Body frame integral; front and rear independent suspension, front wishbones with torque arms and coil springs, rear with upper half-shafts and lower trailing torque arms; hydraulic telescopic shock absorbers. Front side anti-roll bar.

### Drivetrain:

Four hydraulic, dual circuit, self-adjusting drum brakes, 24.1 cm diameter; mechanical rear-wheel handbrake; Saginaw recirculating ball steering type, unknown overall ratio; 53 litres fuel tank; 7.00 - 13 tyres, 6 J rims, 4-ply tubeless tyres.

### Dimensions:

274.3 cm wheelbase, 139.7 / 145.3 cm tracks, 11.40 / 10.73 metres turning circle ( between walls / curbs ), 13.7 cm ground clearance, 465.6 cm length, 177 cm width, 130.3 cm ( Convertible 130.8 cm ) height.

Trunk capacity: 198 cdm.

Interior dimensions:

Front: 106.9 cm legroom, 95.2 cm headroom, 137.7 cm shoulder room, 142.5 cm hip room.

Rear: 83.3 cm legroom, 89.9 cm headroom, 133.9 cm shoulder room, 142.5 cm hip room.

### Performance:

Maximum speed ( estimated ) 145 kph; 1,000 rpm speed in 3<sup>rd</sup> gear 32.4 kph; weight / power ratio from 11.8 kg / HP; fuel consumption ( estimated ) 11 to 22 litres / 100 km.

Four speed manual gearbox: 1,000 rpm speed in 4<sup>th</sup> gear 32.4 kph; fuel consumption ( estimated ) 11 to 19 litres / 100 km.

Powerglide gearbox: 1,000 rpm speed in direct gear 35.1 kph; fuel consumption ( estimated ) 11 to 19 litres / 100 km.

## 2.7 - 110 HP 2 carburetors

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As 164 Turbo-Air 95-hp, except for:

### Models and weights:

#### Corvair 500 164 Turbo-Air 110-hp

2-Door Sport Coupe, 2 doors, 5 seats; 1,124 kg.

#### Corvair Monza 164 Turbo-Air 110-hp

2-Door Sport Coupe, 2 doors, 5 seats; 1,137 kg.

2-Door Convertible, 2 doors, 5 seats; 1,238 kg.

Optional four speed manual gearbox: 1 kg plus.

Optional Powerglide gearbox: 4 kg plus.

### Engine specs ( SAE gross ):

6 horizontally opposed cylinders ( 87.313 x 74.613 mm ); 2,680 ccm displacement; compression ratio 9.25 : 1; horsepower output 110 HP at 4,400 rpm; specific output 41 HP / litre; torque output 217 Nm ( 22.1 kpm ) at 2,600 rpm; fuel required: 100-octanes petrol.

Net horsepower output: 90 HP at 4,000 rpm; specific output 33.6 HP / litre.

### Engine ( building ):

AC 44FF spark plugs.

### Transmission ( rear-wheel drive ):

Standard three speed manual gearbox, all gears synchronised, floor-mounted shift lever, ratios: 1<sup>st</sup> 3.11, 2<sup>nd</sup> 1.84, 3<sup>rd</sup> 1, reverse 3.22. Final drive ratio ( hypoid differential ): 3.273 ( 11/36 ) or 3.556 ( 9/32 ).

Optional four speed manual gearbox, all gears synchronised, floor-mounted shift lever, ratios: 1<sup>st</sup> 3.11, 2<sup>nd</sup> 2.2, 3<sup>rd</sup> 1.47, 4<sup>th</sup> 1, reverse 3.11. Final drive ratio ( hypoid differential ): 3.273 ( 11/36 ) or 3.556 ( 9/32 ).

Optional two speed automatic gearbox ( Powerglide Corvair ), L-D-N-R positions, range selector on instrument panel, ratios: Low 1.82, Direct 1, reverse 1.82. Final drive ratio ( hypoid differential ): 3.556 ( 9/32 ). Torque converter factor: 2.4 : 1.

### Performance:

Maximum speed ( estimated ) 160 kph, Convertible 155 kph; 1,000 rpm speed in 3<sup>rd</sup> gear 35.1 kph; weight / power ratio from 10.2 kg / HP; fuel consumption ( estimated ) 11 to 21 litres / 100 km.

Four speed manual gearbox: 1,000 rpm speed in 4<sup>th</sup> gear 35.1 kph; fuel consumption ( estimated ) 11 to 18 litres / 100 km.

Powerglide gearbox: Maximum speed ( estimated ) 150 kph, Convertible 145 kph; 1,000 rpm speed in direct gear 32.4 kph; fuel consumption ( estimated ) 12 to 20 litres / 100 km.

## 2.7 - 140 HP 4 carburettors

As 164 Turbo-Air 95-hp, except for:

### Models and weights:

#### Corvair 500 164 Turbo-Air 140-hp

2-Door Sport Coupe, 2 doors, 5 seats; 1,124 kg.

#### Corvair Monza 164 Turbo-Air 140-hp

2-Door Sport Coupe, 2 doors, 5 seats; 1,137 kg.

2-Door Convertible, 2 doors, 5 seats; 1,238 kg.

Optional four speed manual gearbox: 1 kg plus.

Optional Powerglide gearbox: 4 kg plus.

### Engine specs ( SAE gross ):

6 horizontally opposed cylinders ( 87.313 x 74.613 mm ); 2,680 ccm displacement; compression ratio 9.25 : 1; horsepower output 140 HP at 5,200 rpm; specific output 52.2 HP / litre; torque output 217 Nm ( 22.1 kpm ) at 3,600 rpm; fuel required: 100-octanes petrol.

Net horsepower output: unknown.

### Engine ( building ):

High performance camshaft; four Rochester downdraft carburettors; AC 44FF spark plugs; double exhaust.

### Transmission ( rear-wheel drive ):

Standard three speed manual gearbox, all gears synchronised, floor-mounted shift lever, ratios: 1<sup>st</sup> 3.11, 2<sup>nd</sup> 1.84, 3<sup>rd</sup> 1, reverse 3.22. Final drive ratio ( hypoid differential ): 3.556 ( 9/32 ).

Optional four speed manual gearbox, all gears synchronised, floor-mounted shift lever, ratios: 1<sup>st</sup> 3.11, 2<sup>nd</sup> 2.2, 3<sup>rd</sup> 1.47, 4<sup>th</sup> 1, reverse 3.11. Final drive ratio ( hypoid differential ): 3.556 ( 9/32 ).

Optional two speed automatic gearbox ( Powerglide Corvair ), L-D-N-R positions, range selector on instrument panel, ratios: Low 1.82, Direct 1, reverse 1.82. Final drive ratio ( hypoid differential ): 3.556 ( 9/32 ). Torque converter factor: 2.4 : 1.

### Performance:

Maximum speed ( estimated ) 175 kph, Convertible 170 kph; 1,000 rpm speed in highest gear 32.4 kph; weight / power ratio from 8 kg / HP; fuel consumption ( estimated ) 13 to 25 litres / 100 km.

Four speed manual gearbox: Fuel consumption ( estimated ) 13 to 22 litres / 100 km.

Powerglide gearbox: Maximum speed ( estimated ) 170 kph, Convertible 165 kph; fuel consumption ( estimated ) 13 to 23 litres / 100 km.

### Price list and production:

Model	Base price	Production
500 2-Door Sport Coupe	\$2,243	7,206
Monza 2-Door Sport Coupe	\$2,507	6,807
Monza 2-Door Convertible	\$2,626	1,386
<b>TOTAL</b>		15,399

### Standard equipment:

**500:** turn signals, two-speed electric windshield wipers, windshield washers, heater and defroster, dual padded sun visors, front and rear shoulder seat belts, front seat belts with retractor, front armrests, front foam seat cushions, locking glovebox, front ashtray, cigarette lighter, coat hooks, interior light, energy-absorbing padded dash, energy-absorbing steering column, back up lights, left outside rear view mirror, non-glare inside mirror. **Monza adds:** rocker panel mouldings, bright metal roof gutter trim, full wheel covers with Monza insert, front bucket seats, carpeting, luggage compartment mat, courtesy and glovebox lights, front and rear foam seat cushions, front and rear ashtrays, folding rear seats ( except Convertible ).

### Optional equipment:

Four speed manual gearbox ( \$90 ); Powerglide gearbox ( \$153 ); Turbo-Air engine 110-hp ( \$26 ); Turbo-Air 140-hp engine ( \$79 ); heavy duty 70 Ah battery ( \$7 ); heavy duty air cleaner ( \$6 ); Positraction limited slip differential ( \$42 ); rear window defroster ( \$21, except Convertible ); door edge guards ( \$4 ), front or rear bumper guards ( \$10 ); speed warning indicator ( \$11 ); heavy duty suspension ( \$11 ); head restraints ( \$42 for 500, \$52 for Monza ); left outside rear view remote-control mirror ( \$10 ); Soft Ray tinted glass ( \$31 ); windshield tinted glass ( \$21 ); folding rear seats ( \$32, not available on Convertible ); front and rear floor mats ( \$11 ); Deluxe steering wheel ( \$7 for 500, \$4 for Monza ); sport style steering wheel ( \$32 ); adjustable steering wheel ( \$42 ); electric clock ( \$16 ); pushbutton AM radio with front antenna ( \$61 ); pushbutton AM/FM radio with front antenna ( \$134 ); rear speaker ( \$13, except with stereo system ); 8-track stereo-tape, quadraphonic system ( \$134 ); rear antenna ( \$10, except with AM/FM radio ); whitewall tyres ( \$28 ); wheel covers ( \$21 ); wire wheel covers ( \$69 for 500, \$56 for Monza ); mag-style wheel covers ( \$74 for 500, \$63 for Monza ); spare wheel lock ( \$5 ); power Convertible top in three different colours ( \$53 ). Appearance Guard Group ( \$34 ).

### List of paint colours:

	A	Tuxedo Black
	C	Ermine White
	D	Grotto Blue Iridescent
	E	Fathom Blue Iridescent
	F	Island Teal Iridescent
	G	Ash Gold Iridescent
	H	Grecian Green Iridescent
	K	Tripoli Turquoise Iridescent

*Continued on next column.*

	L	Teal Blue Iridescent
	N	Cordovan Maroon Iridescent
	P	Seafrost Green Iridescent
	R	Matador Red
	T	Palomino Ivory
	V	Sequoia Green Iridescent
	Y	Butternut Yellow

### List of interior trims available:

Corvair 500 & Monza	
	Blue Vinyl
	Black Vinyl
	Gold Vinyl

### VIN identifier (thirteen digit code):

First digit: 1 for Chevrolet.

Second and third digits: Series ( 01 for 500; 05 for Monza ).

Fourth and five digits: Body style ( 37 for 2-Door Sport Coupe, 67 for 2-Door Convertible ).

Sixth digit: 8 for 1968.

Seventh digit: a letter identifying the assembly plant ( Lakewood, GA (A); Baltimore, MD (B); Southgate, CA (C); Atlanta, GA (D); Flint, MI (F); Framingham, MA (G); Janesville, WI (J); Kansas City, MO (K); Van Nuys, CA (L); Norwood, OH (N); Arlington, TX (R); St. Louis, MO (S); Willow Run, MI (W); Wilmington, DE (Y) ).

Eighth to thirteenth digits: Serial number, starting on 100001 and up.

## THE 1968 MODELS



**Corvair 500 2-Door Sport Coupe**



**Corvair Monza 2-Door Sport Coupe**



**Corvair Monza 2-Door Convertible**

## 1969

*Introduced on September 26, 1968*

*Discontinued on May 14, 1969*

### **CHANGES**

*Styling changes:*

Standard front headrests, bigger rear view mirror and amber front side marker lens.

### **2.7 - 95 HP 2 carburetors**

#### **Models and weights:**

##### Corvair 500 164 Turbo-Air 95-hp

2-Door Sport Coupe, 2 doors, 5 seats; 1,141 kg.

##### Corvair Monza 164 Turbo-Air 95-hp

2-Door Sport Coupe, 2 doors, 5 seats; 1,154 kg.

2-Door Convertible, 2 doors, 5 seats; 1,256 kg.

Optional Powerglide gearbox: 8 kg plus.

#### **Engine specs ( SAE gross ):**

6 horizontally opposed cylinders ( 87.313 x 74.613 mm ); 2,680 ccm displacement; compression ratio 8.25 : 1; horsepower output 95 HP at 3,600 rpm; specific output 35.4 HP / litre; torque output 209 Nm ( 21.3 kpm ) at 2,400 rpm; fuel required: 94-octanes petrol.

Net horsepower output: 78 HP at 3,600 rpm; specific output 29.1 HP / litre.

#### **Engine ( building ):**

General Motors Chevrolet Turbo-Air Six 164 design. Longitudinally mounted rear-engine; light alloy engine block and cylinder head; two overhead valves per cylinder; central camshaft with sprockets; four main bearings. Two Rochester downdraft carburetors; AC R44FF spark plugs; air-cooled engine, with horizontal, centrifugal blower; 3.8 litres of oil; 12 V 45 Ah battery, 37 A alternator.

#### **Transmission ( rear-wheel drive ):**

Standard manual gearbox: monodisc clutch, 20.3 cm diameter; 1.8 litres of transmission oil; 1.3 litres of final drive oil.

Optional automatic gearbox: 2.8 litres of transmission oil; 1.3 litres of final drive oil.

Standard three speed manual gearbox, all gears synchronised, floor-mounted shift lever, ratios: 1<sup>st</sup> 3.11, 2<sup>nd</sup> 1.84, 3<sup>rd</sup> 1, reverse 3.22. Final drive ratio ( hypoid differential ): 3.556 ( 9/32 ).

Optional four speed manual gearbox, all gears synchronised, floor-mounted shift lever, ratios: 1<sup>st</sup> 3.11, 2<sup>nd</sup> 2.2, 3<sup>rd</sup> 1.47, 4<sup>th</sup> 1, reverse 3.11. Final drive ratio ( hypoid differential ): 3.556 ( 9/32 ).

Optional two speed automatic gearbox ( Powerglide Corvair ), L-D-N-R positions, range selector on instrument panel, ratios: Low 1.82, Direct 1, reverse 1.82. Final drive ratio ( hypoid differential ): 3.273 ( 11/36 ) or 3.556 ( 9/32 ). Torque converter factor: 2.4 : 1.

Optional Positraction limited slip differential.

#### **Platform:**

Body frame integral; front and rear independent suspension, front wishbones with torque arms and coil springs, rear with upper half-shafts and lower trailing torque arms; hydraulic telescopic shock absorbers. Front side anti-roll bar.

#### **Drivetrain:**

Four hydraulic, dual circuit, self-adjusting drum brakes, 24.1 cm diameter; mechanical rear-wheel handbrake; Saginaw recirculating ball steering type, unknown overall ratio; 53 litres fuel tank; 7.00 - 13 tyres, 6 J rims, 4-ply tubeless tyres.

## Dimensions:

274.3 cm wheelbase, 139.7 / 145.3 cm tracks, 11.40 / 10.73 metres turning circle ( between walls / curbs ), 13.7 cm ground clearance, 465.6 cm length, 177 cm width, 130.3 cm ( Convertible 130.8 cm ) height.

Trunk capacity: 198 cdm.

Interior dimensions:

Front: 106.9 cm legroom, 95.2 cm headroom, 137.7 cm shoulder room, 142.5 cm hip room.

Rear: 83.3 cm legroom, 89.9 cm headroom, 133.9 cm shoulder room, 142.5 cm hip room.

## Performance:

Maximum speed ( estimated ) 145 kph; 1,000 rpm speed in 3<sup>rd</sup> gear 32.4 kph; weight / power ratio from 12 kg / HP; fuel consumption ( estimated ) 11 to 22 litres / 100 km.

Four speed manual gearbox: 1,000 rpm speed in 4<sup>th</sup> gear 32.4 kph; fuel consumption ( estimated ) 11 to 19 litres / 100 km.

Powerglide gearbox: 1,000 rpm speed in direct gear 35.1 kph; fuel consumption ( estimated ) 11 to 19 litres / 100 km.

## 2.7 - 110 HP 2 carburettors

As 164 Turbo-Air 95-hp, except for:

### Models and weights:

#### Corvair 500 164 Turbo-Air 110-hp

2-Door Sport Coupe, 2 doors, 5 seats; 1,141 kg.

#### Corvair Monza 164 Turbo-Air 110-hp

2-Door Sport Coupe, 2 doors, 5 seats; 1,154 kg.

2-Door Convertible, 2 doors, 5 seats; 1,256 kg.

Optional four speed manual gearbox: 1 kg plus.

Optional Powerglide gearbox: 4 kg plus.

### Engine specs ( SAE gross ):

6 horizontally opposed cylinders ( 87.313 x 74.613 mm ); 2,680 ccm displacement; compression ratio 9.25 : 1; horsepower output 110 HP at 4,400 rpm; specific output 41 HP / litre; torque output 217 Nm ( 22.1 kpm ) at 2,600 rpm; fuel required: 100-octanes petrol.

Net horsepower output: 90 HP at 4,000 rpm; specific output 33.6 HP / litre.

### Transmission ( rear-wheel drive ):

Standard three speed manual gearbox, all gears synchronised, floor-mounted shift lever, ratios: 1<sup>st</sup> 3.11,

2<sup>nd</sup> 1.84, 3<sup>rd</sup> 1, reverse 3.22. Final drive ratio ( hypoid differential ): 3.273 ( 11/36 ) or 3.556 ( 9/32 ).

Optional four speed manual gearbox, all gears synchronised, floor-mounted shift lever, ratios: 1<sup>st</sup> 3.11, 2<sup>nd</sup> 2.2, 3<sup>rd</sup> 1.47, 4<sup>th</sup> 1, reverse 3.11. Final drive ratio ( hypoid differential ): 3.273 ( 11/36 ) or 3.556 ( 9/32 ).

Optional two speed automatic gearbox ( Powerglide Corvair ), L-D-N-R positions, range selector on instrument panel, ratios: Low 1.82, Direct 1, reverse 1.82. Final drive ratio ( hypoid differential ): 3.556 ( 9/32 ). Torque converter factor: 2.4 : 1.

## Performance:

Maximum speed ( estimated ) 160 kph, Convertible 155 kph; 1,000 rpm speed in 3<sup>rd</sup> gear 35.1 kph; weight / power ratio from 10.4 kg / HP; fuel consumption ( estimated ) 11 to 21 litres / 100 km.

Four speed manual gearbox: 1,000 rpm speed in 4<sup>th</sup> gear 35.1 kph; fuel consumption ( estimated ) 11 to 18 litres / 100 km.

Powerglide gearbox: Maximum speed ( estimated ) 150 kph, Convertible 145 kph; 1,000 rpm speed in direct gear 32.4 kph; fuel consumption ( estimated ) 12 to 20 litres / 100 km.

## 2.7 - 140 HP 4 carburettors

As 164 Turbo-Air 95-hp, except for:

### Models and weights:

#### Corvair 500 164 Turbo-Air 140-hp

2-Door Sport Coupe, 2 doors, 5 seats; 1,141 kg.

#### Corvair Monza 164 Turbo-Air 140-hp

2-Door Sport Coupe, 2 doors, 5 seats; 1,154 kg.

2-Door Convertible, 2 doors, 5 seats; 1,256 kg.

Optional four speed manual gearbox: 1 kg plus.

Optional Powerglide gearbox: 4 kg plus.

### Engine specs ( SAE gross ):

6 horizontally opposed cylinders ( 87.313 x 74.613 mm ); 2,680 ccm displacement; compression ratio 9.25 : 1; horsepower output 140 HP at 5,200 rpm; specific output 52.2 HP / litre; torque output 217 Nm ( 22.1 kpm ) at 3,600 rpm; fuel required: 100-octanes petrol.

Net horsepower output: unknown.

### Engine ( building ):

High performance camshaft; four Rochester downdraft carburettors; double exhaust.

## Transmission ( rear-wheel drive ):

Standard three speed manual gearbox, all gears synchronised, floor-mounted shift lever, ratios: 1<sup>st</sup> 3.11, 2<sup>nd</sup> 1.84, 3<sup>rd</sup> 1, reverse 3.22. Final drive ratio ( hypoid differential ): 3.556 ( 9/32 ).

Optional four speed manual gearbox, all gears synchronised, floor-mounted shift lever, ratios: 1<sup>st</sup> 3.11, 2<sup>nd</sup> 2.2, 3<sup>rd</sup> 1.47, 4<sup>th</sup> 1, reverse 3.11. Final drive ratio ( hypoid differential ): 3.556 ( 9/32 ).

Optional two speed automatic gearbox ( Powerglide Corvair ), L-D-N-R positions, range selector on instrument panel, ratios: Low 1.82, Direct 1, reverse 1.82. Final drive ratio ( hypoid differential ): 3.556 ( 9/32 ). Torque converter factor: 2.4 : 1.

## Performance:

Maximum speed ( estimated ) 175 kph, Convertible 170 kph; 1,000 rpm speed in highest gear 32.4 kph; weight / power ratio from 8.2 kg / HP; fuel consumption ( estimated ) 13 to 25 litres / 100 km.

Four speed manual gearbox: Fuel consumption ( estimated ) 13 to 22 litres / 100 km.

Powerglide gearbox: Maximum speed ( estimated ) 170 kph, Convertible 165 kph; fuel consumption ( estimated ) 13 to 23 litres / 100 km.

## Price list and production:

Model	Base price	Production
500 2-Door Sport Coupe	\$2,258	2,762
Monza 2-Door Sport Coupe	\$2,522	2,717
Monza 2-Door Convertible	\$2,641	521
<b>TOTAL</b>		6,000

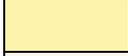
## Standard equipment:

**500:** front headrests, turn signals, two-speed electric windshield wipers, windshield washers, heater and defroster, dual padded sun visors, front and rear shoulder seat belts, front seat belts with retractor, front armrests, front foam seat cushions, locking glovebox, front ashtray, cigarette lighter, coat hooks, interior light, energy-absorbing padded dash, energy-absorbing steering column, back up lights, left outside rear view mirror, non-glare inside mirror. **Monza adds:** rocker panel mouldings, bright metal roof gutter trim, full wheel covers with Monza insert, front bucket seats, carpeting, luggage compartment mat, courtesy and glovebox lights, front and rear foam seat cushions, front and rear ashtrays, folding rear seats ( except Convertible ).

## Optional equipment:

Four speed manual gearbox ( \$90 ); Powerglide gearbox ( \$153 ); Turbo-Air engine 110-hp ( \$26 ); Turbo-Air 140-hp engine ( \$79 ); heavy duty 70 Ah battery ( \$7 ); heavy duty air cleaner ( \$6 ); Positraction limited slip differential ( \$42 ); rear window defroster ( \$21, except Convertible ); door edge guards ( \$4 ), front or rear bumper guards ( \$10 ); speed warning indicator ( \$11 ); heavy duty suspension ( \$11 ); head restraints ( \$42 for 500, \$52 for Monza ); left outside rear view remote-control mirror ( \$10 ); Soft Ray tinted glass ( \$31 ); windshield tinted glass ( \$21 ); rear door armrests ( \$10 ); folding rear seats ( \$32, except Convertible ); front and rear floor mats ( \$11 ); Deluxe steering wheel ( \$7 for 500, \$4 for Monza ); sport style steering wheel ( \$32 ); adjustable steering wheel ( \$42 ); electric clock ( \$16 ); pushbutton AM radio with front antenna ( \$61 ); pushbutton AM/FM radio with front antenna ( \$134 ); rear speaker ( \$13, except with stereo system ); 8-track stereo-tape, quadraphonic system ( \$134 ); rear antenna ( \$10, except with AM/FM radio ); whitewall tyres ( \$28 ); wheel covers ( \$21 ); wire wheel covers ( \$69 for 500, \$56 for Monza ); mag-style wheel covers ( \$74 for 500, \$63 for Monza ); spare wheel lock ( \$5 ); power Convertible top in three different colours ( \$53 ). Appearance Guard Group ( \$34 ).

## List of paint colours:

	10	Tuxedo Black
	40	Butternut Yellow
	50	Dover White
	51	Dusk Blue Iridescent
	52	Garnet Red Iridescent
	53	Glacier Blue Iridescent
	55	Azure Turquoise Iridescent
	57	Fathom Green Iridescent
	59	Frost Green Iridescent
	61	Burnished Brown Iridescent
	63	Champagne Iridescent
	65	Olympic Gold Iridescent
	67	Burgundy Iridescent
	69	Cortez Silver Iridescent
	71	Le Mans Blue Iridescent

**List of interior trims available:**

<b>Corvair 500 &amp; Monza</b>	
	Blue Vinyl
	Black Vinyl
	Gold Vinyl

**VIN identifier (thirteen digit code):**

First digit: 1 for Chevrolet.

Second and third digits: Series ( 01 for 500; 05 for Monza ).

Fourth and five digits: Body style ( 37 for 2-Door Sport Coupe, 67 for 2-Door Convertible ).

Sixth digit: 9 for 1969.

Seventh digit: a letter identifying the assembly plant ( Willow Run, MI (W) ).

Eighth to thirteenth digits: Serial number, starting on 100001 and up.

**THE 1969 MODELS**

*- Corvair 500 2-Door Sport Coupe image unavailable -*



**Corvair Monza 2-Door Sport Coupe**



**Corvair Monza 2-Door Convertible**

# TOTAL PRODUCTION FIGURES FOR THE SECOND GENERATION CORVAIR ( 1965-1969 )

**500 4-Door Sport Sedan ( 09/64 – 09/67 ):**

29,298 units ( 7.54% of 2<sup>nd</sup> generation Corvairs ).

**500 2-Door Sport Coupe ( 09/64 – 05/69 ):**

80,017 units ( 20.60% of 2<sup>nd</sup> generation Corvairs ).

**Monza 4-Door Sport Sedan ( 09/64 – 09/67 ):**

52,811 units ( 13.59% of 2<sup>nd</sup> generation Corvairs ).

**Monza 2-Door Sport Coupe ( 09/64 – 05/69 ):**

145,854 units ( 37.54% of 2<sup>nd</sup> generation Corvairs ).

**Monza 2-Door Convertible ( 09/64 – 05/69 ):**

41,413 units ( 10.66% of 2<sup>nd</sup> generation Corvairs ).

**Corsa 2-Door Sport Coupe ( 09/64 – 09/66 ):**

27,621 units ( 7.11% of 2<sup>nd</sup> generation Corvairs ).

**Corsa 2-Door Convertible ( 09/64 – 09/66 ):**

11,495 units ( 2.96% of 2<sup>nd</sup> generation Corvairs ).

**Sedans:** 82,109 units ( 21.13% ).

**Coupes:** 253,492 units ( 65.25% ).

**Convertibles:** 52,908 units ( 13.62% ).

**TOTAL PRODUCTION: 388,509 units.**



# INDEX

<b><u>INTRODUCTION</u></b>	<b>1</b>
<b><u>FIRST GENERATION CORVAIRS</u></b>	<b>3</b>
1960 CORVAIRS	5
1961 CORVAIRS	7
1962 CORVAIRS	11
1963 CORVAIRS	16
1964 CORVAIRS	20
Total production figures for the first generation Corvairs	25
<b><u>SECOND GENERATION CORVAIRS</u></b>	<b>27</b>
1965 CORVAIRS	29
1966 CORVAIRS	33
1967 CORVAIRS	37
1968 CORVAIRS	41
1969 CORVAIRS	45
Total production figures for the second generation Corvairs	49
<b><u>BIBLIOGRAPHY</u></b>	<b>53</b>
<b><u>CREATIVE COMMONS LICENSE DISCLAIMER</u></b>	<b>59</b>



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