

AUTOMOBILES CHEVROLET 1966 66-A-5

## AMA Specifications—Passenger Car

The information contained herein is prepared, distributed by, and is solely the responsibility of the automobile manufacturing company to whose products it relates. Questions concerning these specifications should be directed to the manufacturer whose address is shown below. This uniform specification form was developed by the automobile manufacturing companies under the auspices of the Automobile Manufacturers Association.

|                                                                                        |                                |
|----------------------------------------------------------------------------------------|--------------------------------|
| MANUFACTURER Chevrolet Motor Division<br>General Motors Corporation                    | CAR NAME CHEVY II              |
| MAILING ADDRESS Chevrolet Engineering Center<br>30003 Van Dyke, Warren, Michigan 48090 | MODEL YEAR 1966                |
|                                                                                        | ISSUED: 10-7-65<br>REVISED (*) |

## NOTES:

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## BODY—TYPES AND STYLE NAMES—

Body type, number of passenger & style names; use manufacturer's code for series & body style.

|                              | 153 cu. in.<br>4-cylinder<br>Standard | 194 cu. in.<br>6-cylinder<br>Standard | 283 cu. in.<br>8-cylinder<br>Standard RPO L77 |
|------------------------------|---------------------------------------|---------------------------------------|-----------------------------------------------|
| CHEVY II 100                 |                                       |                                       |                                               |
| 2-Door Sedan, 6-Pass.        | 11111                                 | 11311                                 | 11411                                         |
| 4-Door Station Wagon, 2-seat | -----                                 | 11335                                 | 11435                                         |
| 4-Door Sedan, 6-Pass.        | 11169                                 | 11369                                 | 11469                                         |
| NOVA                         |                                       |                                       |                                               |
| 4-Door Station Wagon, 2-seat | -----                                 | 11535                                 | 11635                                         |
| 2-Door Sport Coupe, 5-Pass.  | -----                                 | 11537                                 | 11637                                         |
| 4-Door Sedan, 6-Pass.        | -----                                 | 11569                                 | 11669                                         |
| NOVA SS                      |                                       |                                       |                                               |
| 2-Door Sport Coupe, 4-Pass.  | -----                                 | 11737                                 | 11837                                         |

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# AMA Specifications—Passenger Car

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MAKE OF CAR

MODEL  
DRIVE UNIT

MAKE OF CAR CHEVY II MODEL YEAR 1966 DATE ISSUED 10-7-65 REVISED 3-25  
 11100 153 & 194 Cu. In. 283 Cu. In.  
 11100-500-700 3-Speed 3-Speed 4-Speed  
 MODEL 11400-600-800 3-Speed 3-Spd H.D. Clutch Base L77 Base & L77

## ELECTRICAL—SUPPRESSION

|                  |                                           |
|------------------|-------------------------------------------|
| Locations & type | Non-metallic high tension ignition cables |
|------------------|-------------------------------------------|

## ELECTRICAL—INSTRUMENTS AND EQUIPMENT

|                             |                          |                       |
|-----------------------------|--------------------------|-----------------------|
| Speedometer                 | Make                     | AC                    |
|                             | Trip odometer (yes, no)  | NA                    |
| Charge indicator-type       |                          | Tell-Tale             |
| Temperature indicator-type  |                          | Tell-Tale             |
| Oil pressure indicator-type |                          | Tell-Tale             |
| Fuel indicator-type         |                          | Electric Gage         |
| Other                       |                          | None                  |
| Windshield wiper            | Make                     | Delco                 |
|                             | Type—Standard            | Electric, Two-Speed   |
|                             | Type—Optional            | None                  |
|                             | Vacuum booster provision | None                  |
| Horn                        | Washer provision         | Pushbutton - Standard |
|                             | Type                     | Vibrator              |
|                             | Number used              | Two                   |
|                             | Amp draw (each)          | 8.00-11.0 @ 12.5V     |

## ● DRIVE UNITS—CLUTCH (Manual Transmission)

|                             |                                     |                                    |            |            |                                         |  |
|-----------------------------|-------------------------------------|------------------------------------|------------|------------|-----------------------------------------|--|
| Make & type                 |                                     | Chevrolet - Single dry disc        |            |            | Chevrolet, single dry disc, centrifugal |  |
| Tire pressure plate springs |                                     | Diaphragm                          |            |            | Diaphragm, bent finger                  |  |
| Total spring load (lb.)     |                                     | 1350-1450                          | 1900-2200  | (a)        | 2100-2300                               |  |
| No. of clutch driven discs  |                                     | One                                |            |            |                                         |  |
| Clutch facing               | Material                            | (b)                                | (c)        | (b)        | (b)                                     |  |
|                             | Outside & inside dia.               | 9.12 & 6.12                        | 10.0 & 6.0 | 10.0 & 6.5 | 10.4 & 6.5                              |  |
|                             | Total all. area (sq. in.)           | 71.8                               | 100.5      | 90.7       | 103.5                                   |  |
|                             | Thickness                           | .135 each                          |            |            |                                         |  |
|                             | Engagement cushioning method        | Flat spring steel between facings  |            |            |                                         |  |
| Reverse bearing             | Type & method of lubrication        | Single row ball, packed and sealed |            |            |                                         |  |
| Torsional damping           | Methods: springs, friction material | Coil springs                       |            |            |                                         |  |

(a) 1700-1950

(b) Woven type asbestos

(c) Woven front and molded rear facings

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MAKE OF CAR CHEVY II

MODEL YEAR 1966

DATE ISSUED 10-7-65 REVISED 12-30-65

113-11500  
11100 Exc. Wagons

Wagons

114-116-117  
11800 Exc. Wagons

MODEL

## DRIVE UNITS—WHEELS

|                            |                     |                              |
|----------------------------|---------------------|------------------------------|
| Type & material            |                     | Short spoke disc, steel      |
| Rim (size and flange type) | Std.                | 13 x 4J                      |
|                            | Opt.                | 14 x 5J                      |
| Attachment                 | Type (bolt or stud) | Bolt                         |
|                            | Circle diameter     | 4.75                         |
|                            | Number and size     | 5 hex nuts, 7/16-20 UNF - 2B |

## DRIVE UNITS—TIRES

|                               |                    |                       |                |                |
|-------------------------------|--------------------|-----------------------|----------------|----------------|
| Standard (List option below)  | Size & ply         | 6.50 x 13-4(a)        | 6.95 x 14-4(b) | 6.95 x 14-8(c) |
|                               | Type - Nylon, etc. | Rayon                 |                |                |
| Rev./mile at 50 mph.          |                    | 852                   | 829            | 816            |
| Inflation press. (cold)       | Front              | 24, wagons 22         |                |                |
|                               | Rear               | 24, wagons 28         |                |                |
| Optional tires - size and ply |                    | 6.50 x 13-4 W/W       | 6.95 x 14-4 PR | 6.95 x 14-8 PR |
|                               |                    | 6.95 x 14-4 B/W & W/W | W/W            | W/W            |
|                               |                    | (inc. 14 x 5J wheels) |                |                |

## BRAKES—SERVICE

|                                                  |                         | Standard                                                                 | Metallic (opt.) |
|--------------------------------------------------|-------------------------|--------------------------------------------------------------------------|-----------------|
| Type (duo-servo, disc, balanced, etc.)           |                         | Duo-Servo 4-wheel hydraulic                                              |                 |
| Self adjusting (std., opt., N.A.)                |                         | Reverse self-adjusting-std.                                              |                 |
| Hydraulic system type (single, dual, etc.)       |                         | Single                                                                   |                 |
| Power brake make & type (remote, integral, etc.) |                         | Bendix, Delco-Moraine vacuum power unit assists master cylinder integral |                 |
| Effective area (sq. in.) *                       |                         | 168.9                                                                    | 118.1           |
| Gross lining area (sq. in.) **                   |                         | 168.9                                                                    | 118.1           |
| Swept drum area (sq. in.) ***                    |                         | 268.6                                                                    |                 |
| Percent brake effectiveness—front                |                         | 59.4                                                                     |                 |
| Drum or Rotor                                    | Diameter                | Front 9.5                                                                |                 |
|                                                  |                         | Rear 9.5                                                                 |                 |
|                                                  | Type and material       | Composite; cast iron rim, steel web                                      |                 |
|                                                  | Rotor (vented or solid) | --                                                                       |                 |
| Wheel cylinder bore                              | Front                   | 1.06                                                                     |                 |
|                                                  | Rear                    | .875                                                                     |                 |
| Master cylinder bore                             |                         | 1.0                                                                      | .875            |
| Available pedal travel                           |                         | 6.4                                                                      |                 |
| Line pressure at 100 lb. pedal load              |                         | 815                                                                      | 1064            |
| Shoe clearance adjustment                        |                         | Self-adjusting                                                           |                 |

\* Excludes rivet holes, grooves, chamfers, etc.

\*\* Includes rivet holes, grooves, chamfers, etc.

\*\*\* Total swept area for four brakes:

Widest lining contact width for each brake x its drum circumference.

(a) L-6 model sedans and Nova Sport Coupe

(b) V-8 model sedans and Nova Sport Coupe; Nova SS with L-6 or V-8 engine

(c) All station wagons

(Continued)

## AMA Specifications—Passenger Car

MODEL CHEVY II MODEL YEAR 1966 DATE ISSUED 10-7-65 REVISED 12-20-65

## BRAKES—SERVICE (cont.)

| Brake lining | Drum or Disc      |                                   | Standard         | Metallic (Optional) |
|--------------|-------------------|-----------------------------------|------------------|---------------------|
|              | Bonded or riveted |                                   | Bonded           | Welded              |
|              | Front wheel       | Material                          | Molded Asbestos  | Sintered iron       |
|              |                   | Size (length x width x thickness) | 9.01 x 2.5 x .17 | 1.64 x 1.25 x .175  |
| Brake lining | Front wheel       | Prim. or out-board                | 9.75 x 2.5 x .20 | 1.64 x 1.25 x .295  |
|              |                   | Second. or in-board               | One              | 6                   |
|              | Rear wheel        | Segments per shoe                 | Molded Asbestos  | Sintered iron       |
|              |                   | Material                          | 9.01 x 2.0 x .17 | 1.64 x 1.00 x .175  |
| Brake lining | Rear wheel        | Size (length x width x thickness) | 9.75 x 2.0 x .20 | 1.64 x 1.00 x .295  |
|              |                   | Prim. or out-board                | One              | 10                  |
|              |                   | Second. or in-board               |                  |                     |
|              |                   | Segments per shoe                 |                  |                     |

## BRAKES—PARKING

|                                 |                                                  |
|---------------------------------|--------------------------------------------------|
| Type of control                 | Mechanical                                       |
| Location of control             | Under instrument panel to right of steer. column |
| Operates on                     | Rear Wheels                                      |
| If separate from service brakes | Type (internal or external)                      |
|                                 | Drum diameter                                    |
|                                 | Lining size (length x width x thickness)         |

## FRAME UNITIZED CONSTRUCTION

|                                                                                 |                                                                                                                 |
|---------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| Type and description (Separate frame, unitized frame, partially unitized frame) | Unitized front end and body proper rigidly bolted together. Frame members incorporated into front end and body. |
|---------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|

## STEERING

|                                               |                        |
|-----------------------------------------------|------------------------|
| Manual (std., opt., NA)                       | Standard               |
| Power (std., opt., NA)                        | Optional               |
| Adjustable steering wheel (rht, swing, other) | NA                     |
| Wheel diameter                                | Manual                 |
|                                               | Power                  |
| Turning diameter                              | Wall to wall (l. & r.) |
|                                               | Curb to curb (l. & r.) |
|                                               | Wall to wall (l. & r.) |
|                                               | Curb to curb (l. & r.) |
| Outside wheel angle with inside wheel at 20°  | 18.7°                  |
| Manual                                        | Type                   |
|                                               | Make                   |
|                                               | Ratio                  |
|                                               | Gear                   |
|                                               | Overall                |
| No. wheel turns                               | 4.50 (lock to lock)    |

(Continued)

AMA-40A

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|                 |                                                                            |             |                                                            |
|-----------------|----------------------------------------------------------------------------|-------------|------------------------------------------------------------|
| MANUFACTURER    | CHEVROLET MOTOR DIVISION<br>GENERAL MOTORS CORP.                           | CAR NAME    | CHEVELLE - 54-56-5800<br>327 cu. in. V-8 ENGINE (Optional) |
| MAILING ADDRESS | Chevrolet Engineering Center<br>Box 7346, N. End Station, Detroit 2, Mich. | MODEL YEAR  | 1964                                                       |
|                 |                                                                            | ISSUED:     | 12-2-63                                                    |
|                 |                                                                            | REVISED (•) |                                                            |

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## BODY-TYPES AND STYLE NAMES—

Body type, number of passenger & style names; use manufacturer's code for series & body style.

|                                          | (Optional)<br>327 Cu. In.<br>8-Cylinder |
|------------------------------------------|-----------------------------------------|
| <b>CHEVELLE 300</b>                      |                                         |
| 2-Door Sedan, 6-Pass. ---                | 5411                                    |
| 4-Door Station Wagon, 2-Seat ---         | 5435                                    |
| 2-Door Station Wagon, 2-Seat ---         | 5415                                    |
| 4-Door Sedan, 6-Pass. ---                | 5469                                    |
| <b>MALIBU</b>                            |                                         |
| 4-Door Station Wagon, 2-Seat ---         | 5635                                    |
| 2-Door Sport Coupe, 5-Pass. ---          | 5637                                    |
| 2-Door Convertible, 5-Pass. ---          | 5667                                    |
| 4-Door Sedan, 6-Pass. ---                | 5669                                    |
| 4-Door Station Wagon, 3-Seat ---         | 5645                                    |
| <b>MALIBU SUPER SPORT</b>                |                                         |
| 2-Door Sport Coupe, 4-Pass. ---          | 5837                                    |
| 2-Door Convertible, 4-Pass. ---          | 5867                                    |
| <b>EL CAMINO</b>                         |                                         |
| 2-Door Sedan Pickup, 3-Pass. Regular --- | 5480                                    |
| 2-Door Sedan Pickup, 3-Pass. Deluxe ---  | 5680                                    |

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