

# AMA Specifications—Passenger Car

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|                 |  |             |          |
|-----------------|--|-------------|----------|
| MANUFACTURER    | CHRYSLER-PLYMOUTH DIVISION<br>CHRYSLER CORPORATION | CAR NAME    | CHRYSLER |
| MAILING ADDRESS | DETROIT, MICHIGAN 48231                            | MODEL YEAR  | 1969     |
|                 |  | ISSUED:     | 9-10-68  |
|                 |  | REVISED (e) | 3-18-69  |

**NOTES:**

1. The General Specifications herein are those in effect at date of compilation and are subject to change without notice by the manufacturer.
2. UNLESS OTHERWISE INDICATED:
  - a. Specifications apply to standard models without optional equipment. Significant deviations are noted.
  - b. Nominal design dimensions are used throughout these specifications.

### TABLE OF CONTENTS

|                             |     |                   |        |                   |    |
|-----------------------------|-----|-------------------|--------|-------------------|----|
| Car & Body Dimensions ..... | 1,2 | Drive Units ..... | 14     | Suspensions ..... | 21 |
| Engine - Mechanical .....   | 4   | Brakes.....       | 18, 19 | Weights .....     | 24 |
| Electrical .....            | 12  | Steering .....    | 20     | Index .....       | 27 |

| BODY - TYPES AND STYLE NAMES - <small>Body type, style names; use manufacturer's code for series &amp; body style.</small> |                |                   |              |                |                      |                      |
|--|----------------|-------------------|--------------|----------------|----------------------|----------------------|
| Available with V-8 Engines Only  | 2-Door Hardtop | Convertible Coupe | 4-Door Sedan | 4-Door Hardtop | 2-Seat Station Wagon | 3-Seat Station Wagon |
|  | 23             | 27                | 41           | 43             | 45                   | 46                   |
| Chrysler Newport   | CE23           | CE27              | CE41         | CE43           |                      |                      |
| Newport Custom   | CL23           |                   | CL41         | CL43           |                      |                      |
| 300  | CM23           | CM27              |              | CM43           |                      |                      |
| New Yorker   | CH23           |                   | CH41         | CH43           |                      |                      |
| Town & Country   |                |                   |              |                | CP45                 | CP46                 |

# AMA Specifications—Passenger Car

MAKE OF CAR CHRYSLER MODEL YEAR 1969 DATE ISSUED 9-10-68 REVISED (a) 3-18-69

## CAR AND BODY DIMENSIONS

See Pages 25, 26 for SAE Dimension Definitions

(All dimensions in inches unless otherwise indicated)

All dimensions to ground are for comparative purposes only. Dimensions are to be shown for:

4-Dr. Sedan, 2-Dr. H.T., 4-Dr. H.T., Convertible and Station Wagon.

| MODEL | SAE Ref. No. | 23 |    |    |    | 27 |    | 41 |    |    | 43 |    |    |    | 45,46 |
|-------|--------------|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|
|       |              | CE | CL | CM | CH | CE | CM | CE | CL | CH | CE | CL | CM | CH | CP    |

### WIDTH

|                            |      |      |  |  |  |  |      |  |  |  |  |  |      |  |  |  |
|----------------------------|------|------|--|--|--|--|------|--|--|--|--|--|------|--|--|--|
| Track - Front              | W101 | 62.1 |  |  |  |  |      |  |  |  |  |  |      |  |  |  |
| Track - Rear               | W102 | 60.7 |  |  |  |  |      |  |  |  |  |  | 63.4 |  |  |  |
| Maximum overall car width  | W103 | 79   |  |  |  |  | 79.1 |  |  |  |  |  |      |  |  |  |
| Body width at No. 2 pillar | W117 | 79   |  |  |  |  | 79.1 |  |  |  |  |  |      |  |  |  |

### LENGTH

|   |      |       |  |  |  |       |  |  |  |       |  |      |  |    |  |  |  |
|---|------|-------|--|--|--|-------|--|--|--|-------|--|------|--|----|--|--|--|
| Body "O" to front of dash                 | L 30 | -2.3  |  |  |  |       |  |  |  |       |  |      |  |    |  |  |  |
| Wheelbase                                 | L101 | 124.0 |  |  |  |       |  |  |  |       |  | 122  |  |    |  |  |  |
| Overall car length                        | L103 | 224.7 |  |  |  |       |  |  |  |       |  |      |  |    |  |  |  |
| Overhang - front                          | L104 | 41.0  |  |  |  |       |  |  |  |       |  |      |  |    |  |  |  |
| Overhang - rear                           | L105 | 60.2  |  |  |  |       |  |  |  |       |  | 62.4 |  |    |  |  |  |
| Body upper structure length               | L123 | 104.5 |  |  |  | 109.6 |  |  |  | 113.9 |  |      |  | -- |  |  |  |
| Body "O" line to $\text{C}$ of rear wheel | L127 | 101.8 |  |  |  |       |  |  |  |       |  |      |  |    |  |  |  |
| Body "O" line to w/s cowl point           | L130 | 4.4   |  |  |  |       |  |  |  |       |  |      |  |    |  |  |  |

### HEIGHT

| Passenger Distribution (front & rear) |                             | 2-front; 3-rear |      |      |      |      |      |      |      |      |      |      |  |      |      |
|---------------------------------------|-----------------------------|-----------------|------|------|------|------|------|------|------|------|------|------|--|------|------|
| Trunk/Cargo load (lbs.)               |                             | None            |      |      |      |      |      |      |      |      |      |      |  |      |      |
| Overall height                        | H101                        | 54.9            |      |      |      | 55.0 | 55.1 | 56.1 |      |      | 55.5 |      |  | 57.9 |      |
| Cowl height                           | H114                        | 39.1            | 39.2 | 39.1 | 39.2 | 39.1 | 39.2 | 39.1 | 39.2 | 39.1 | 39.2 | 39.6 |  |      |      |
| Deck height                           | H138                        | 38.3            | 38.2 | 38.0 | 38.3 | 37.7 | 37.6 | 37.7 | 37.6 | --   |      |      |  |      |      |
| Rocker panel - front                  | To ground                   | 9.1             |      |      |      |      |      |      |      |      |      |      |  |      | 9.6  |
|                                       | From front wheel $\text{C}$ | 34.2            |      |      |      |      |      |      |      |      |      |      |  |      |      |
| Rocker panel - rear                   | To ground                   | 8.2             |      |      |      |      | 8.5  |      |      | 8.2  |      |      |  | 9.4  |      |
|                                       | From rear wheel $\text{C}$  | 18.2            |      |      |      |      |      |      |      |      |      |      |  |      | 16.2 |
| Windshield slope angle                | H122                        | 53° 20'         |      |      |      |      |      |      |      |      |      |      |  |      |      |

### GROUND CLEARANCE

|                                      |      |      |      |      |      |      |      |      |      |      |  |      |  |  |  |
|--------------------------------------|------|------|------|------|------|------|------|------|------|------|--|------|--|--|--|
| Bumper to ground - front             | H102 | 15.6 |      |      |      | 15.8 |      | 15.6 |      |      |  | 16.6 |  |  |  |
| Bumper to ground - rear              | H104 | 12.4 | 12.2 | 12.4 | 12.8 | 12.4 | 12.2 | 12.4 | 12.2 |      |  |      |  |  |  |
| Angle of approach                    | H106 | 22.1 |      |      |      | 22.3 |      | 22.1 |      |      |  | 23.5 |  |  |  |
| Angle of departure                   | H107 | 11.9 | 11.7 | 11.9 | 12.3 | 11.9 | 11.7 | 11.9 | 11.7 | 11.3 |  |      |  |  |  |
| Ramp breaker angle                   | H147 | 12.3 | 12.5 | 12.3 | 12.5 | 12.3 | 12.5 | 12.3 | 12.5 | 13.5 |  |      |  |  |  |
| Min. running clearance (Specify) (a) | H156 | 5.3  | 5.2  | 5.3  | 5.6  | 5.3  | 5.2  | 5.3  | 5.2  | 7.1  |  |      |  |  |  |

(a) Fuel tank except CP45, 46 muffler

# AMA Specifications—Passenger Car

MAKE OF CAR CHRYSLER MODEL YEAR 1969 DATE ISSUED 9-10-68 REVISED (0)3-18-69

## CAR AND BODY DIMENSIONS

See Pages 25, 26 for SAE Dimension Definitions  
(All dimensions in inches unless otherwise indicated)

| MODEL  | SAE Ref. No. | 23          |        | 27      | 41       |      | 43       |        | 45   | 46    |
|--|--------------|-------------|--------|---------|----------|------|----------|--------|------|-------|
|  |              | CE, CL      | CM, CH | CE, CM  | CE, CL   | CH   | CE, CL   | CM, CH | CP   |       |
| <b>FRONT COMPARTMENT</b>                         |              |             |        |         |          |      |          |        |      |       |
| Effective head room                              | H61          | 38.0        |        | 38.9    | 38.7     |      | 38.1     |        | 39.6 |       |
| Max. eff. leg room – accelerator                 | L34          | 41.7        |        |         |          | 41.8 |          |        |      |       |
| H Point to Heel point                            | H30          | 8.7         |        |         | 9.2      |      |          |        |      |       |
| H Point travel                                   | L17          | 4.5         |        |         |          |      |          |        |      |       |
| Shoulder room                                    | W 3          | 63.4        |        |         |          |      |          |        |      |       |
| Hip room   | W 5          | 63.4        |        |         | 63.3     |      |          |        |      |       |
| Upper body opening to ground                     | H50          | 49.5        |        | 50.2(d) | 50.8     |      | 50.2     |        | 51.6 |       |
| <b>REAR COMPARTMENT</b>                          |              |             |        |         |          |      |          |        |      |       |
| H Point couple distance                          | L50          | 33.0        |        |         | 38.0     |      |          | 35.9   |      |       |
| Effective head room                              | H63          | 37.5        |        | 37.9    |          | 37.2 |          |        |      | 40.1  |
| Min. effective leg room                          | L51          | 35.9        |        |         | 42.2     |      |          |        |      |       |
| H Point to Heel point                            | H31          | 10.4        |        |         | 11.5     |      |          |        |      |       |
| Min. knee room                                   | L48          | 3.6 (e)     |        |         | 8.2 (f)  |      |          |        |      |       |
| Rear Compartment room                            | L 3          | 27.0 (g)    |        |         | 31.9     | 31.5 | 31.9     | 31.5   | 29.4 |       |
| Shoulder room                                    | W 4          | 63.2        |        | 60.0    | 63.4     |      |          |        | 63.0 |       |
| Hip room   | W 6          | 63.6        |        | 58.8    | 63.4     |      |          |        | 63.3 |       |
| Upper body opening to ground                     | H51          | --          |        |         | 50.3     | 50.2 | 49.4     | 49.3   | 51.7 |       |
| <b>LUGGAGE COMPARTMENT</b>                       |              |             |        |         |          |      |          |        |      |       |
| Usable luggage capacity                          | V 1          | --          |        |         | 22.0 (a) |      | 22.0 (b) |        | --   |       |
| Liftover height                                  | H195         | 28.5        | 28.3   | (c)     | 28.5     | 28.3 | 28.5     | 28.3   | 30.5 |       |
| Position of spare tire storage                   |              |             |        |         |          |      |          |        |      |       |
| Method of holding lid open                       |              | Torsion bar |        |         |          |      |          |        |      |       |
| <b>STATION WAGON – THIRD SEAT</b>                |              |             |        |         |          |      |          |        |      |       |
| Shoulder Room                                    | W85          | --          |        |         |          |      |          |        |      | 48.5  |
| Hip room   | W86          | --          |        |         |          |      |          |        |      | 41.3  |
| Effective leg room                               | L86          | --          |        |         |          |      |          |        |      | 32.4  |
| Effective head room                              | H86          | --          |        |         |          |      |          |        |      | 36.4  |
| Seat facing direction                            |              | --          |        |         |          |      |          |        |      | Rear  |
| <b>STATION WAGON – CARGO SPACE</b>               |              |             |        |         |          |      |          |        |      |       |
| Cargo length at floor – front seat               | L202         | --          |        |         |          |      |          |        |      | 98.98 |
| Cargo length at belt – front seat                | L204         | --          |        |         |          |      |          |        |      | 88.22 |
| Cargo width – Wheelhouse                         | W201         | --          |        |         |          |      |          |        |      | 48.50 |
| Opening width at belt                            | W204         | --          |        |         |          |      |          |        |      | 51.24 |
| Maximum cargo height                             | H201         | --          |        |         |          |      |          |        |      | 32.40 |
| Rear opening height                              | H202         | --          |        |         |          |      |          |        |      | 29.1  |
| Cargo volume index (cu. ft.)<br>W4 x L204 x H201 | V2           | --          |        |         |          |      |          |        |      | 104.2 |

(a) CH: 19.6

(b) CM only

(c) CE: 28.5, CM: 28.9

(d) CM: 50.3

(e) CH: 2.9

(f) CH: 7.2

(g) CH: 26.9

# AMA Specifications—Passenger Car

MAKE OF CAR CHRYSLER MODEL YEAR 1969 DATE ISSUED 9-10-68 REVISED (e)

## POWER TEAMS

(Indicate whether standard or optional)

| MODEL AVAILABILITY   | ENGINE         |            |              |               |               | TRANSMISSION   | AXLE RATIO (b)<br>(Std. first)<br>(Indicate A C ratio) |
|----------------------|----------------|------------|--------------|---------------|---------------|----------------|--|
|                      | Displ. cu. in. | Carburetor | Compr. Ratio | BHP RPM       | Torque RPM    |                |  |
| Std<br>E, L & P      | 383            | 1, 2-V     | 9.2          | 290 @<br>4400 | 390 @<br>2800 | Manual 3-Speed | 3.23 (a)   |
|                      |                |            |              |               |               | Automatic      | 2.76, 3.23   |
| Opt<br>E, L & P      | 383            | 1, 4-V     | 10.0         | 330 @<br>5000 | 425 @<br>3200 | Automatic      | 3.23, 2.76   |
| Std: M & H<br>Opt: P | 440            | 1, 4-V     | 10.1         | 350 @<br>4400 | 480 @<br>2800 | Automatic      | 2.76, 3.23   |
| Opt<br>E, L, M & H   | 440<br>Hi-Perf | 1, 4-V     | 10.1         | 375 @<br>4600 | 480 @<br>3200 | Automatic      | 3.23, 2.76   |
|                      |                |            |              |               |               |                |  |

(a) Manual transmission NA station wagon (P-Class)

(b) Axle ratios also available in SURE-GRIP. Standard axle ratio used with and without AC.

# AMA Specifications—Passenger Car

MAKE OF CAR CHRYSLER MODEL YEAR 1969 DATE ISSUED 9-10-68 REVISED (\*)3-18-69

See Page 3 for Engine Usage

MODEL 383 CID 1, 2-V | 383 CID 1, 4-V | 440 CID 1, 4-V | 440 CID Hi-Perf

## ENGINE - GENERAL

|                                       |   |            |             |            |
|---------------------------------------|---|------------|-------------|------------|
| Type, no. cyls., valve arr.           | 90° V-8                                     |            |             |            |
| Bore and stroke (nominal)             | 4.25 x 3.38                                 |            | 4.32 x 3.75 |            |
| Piston displacement, cu. in.          | 383   |            | 440         |            |
| Bore spacing (C to C)                 | 4.80  |            |             |            |
| No. system<br>(front to rear)         | L. Bank                                     | 1-3-5-7    |             |            |
|                                       | R. Bank                                     | 2-4-6-8    |             |            |
| Firing order                          | 1-8-4-3-6-5-7-2                             |            |             |            |
| Compress. ratio (nominal)             | 9.2   | 10.0       | 10.1        |            |
| Cylinder Head Material                | Cast iron                                   |            |             |            |
| Cylinder Block Material               | Cast iron                                   |            |             |            |
| Cyl. Sleeve-Wet, dry, none            | None  |            |             |            |
| Number of<br>mtg. points              | Front                                       | Two        |             |            |
|                                       | Rear  | One        |             |            |
| Engine installation angle             | Lateral: 0°; Inclined rear to front: 3° 05' |            |             |            |
| Taxable<br>horsepower                 | 57.8  |            | 59.7        |            |
| Publishing max. bhp*<br>@ eng. RPM    | 290 @ 4400                                  | 330 @ 5000 | 350 @ 4400  | 375 @ 4600 |
|                                       | 390 @ 2800                                  | 425 @ 3200 | 480 @ 2800  | 480 @ 3200 |
| Recommended fuel<br>regular - premium | Regular                                     |            | Premium     |            |

## ENGINE - PISTONS

|                          |  |           |                    |  |
|--------------------------|--|-----------|--------------------|--|
| Material                 | Aluminum alloy   |           |                    |  |
| Description and finish   | Closed slipper-type, steel strut,<br>elliptically-turned, tin-plated |           |                    |  |
| Weight (piston only) oz. | 27.2   |           | 30.2               |  |
| Clearance<br>(limits)    | Top land   | .022 min. |                    |  |
|                          | Skirt  | Top       | .00025 to .00125   |  |
|                          |  | Bottom    | -.00125 to +.00125 |  |
| Ring groove<br>depth     | No. 1 ring   | .220      | .224               |  |
|                          | No. 2 ring   | .220      | .224               |  |
|                          | No. 3 ring   | .208      | .193               |  |
|                          | No. 4 ring   | --        |                    |  |

\* Max. bhp (brake horsepower) and max. torque corrected to 60° F and 29.92 in. Hg atmospheric pressure.

# AMA Specifications—Passenger Car

MAKE OF CAR CHRYSLER MODEL YEAR 1969 DATE ISSUED 9-10-68 REVISED <sup>(\*)</sup>

See Page 3 for Engine Usage

|              |         |             |
|--------------|---------|-------------|
| <b>MODEL</b> | 383 CID | 440 CID All |
|              | 2-V     | 4-V         |

### ENGINE - RINGS

|                                 |                                       |  |
|---------------------------------|---------------------------------------|--|
| <b>Function (top to bottom)</b> | No. 1, oil or comp.                   | Compression  |
|                                 | No. 2, oil or comp.                   | Compression  |
|                                 | No. 3, oil or comp.                   | Oil  |
|                                 | No. 4, oil or comp.                   | None   |
| <b>Compression</b>              | Description - material, coating, etc. | #1<br>Cast iron, twist and radius-faced, tin-plated                                |
|                                 |                                       | #2<br>Cast iron, reverse twist and taper, tin-plated                               |
|                                 | Width                                 | .078   |
|                                 | Gap                                   | .013 to .023   |
| <b>Oil</b>                      | Description - material, coating, etc. | 3-piece abutment-type, stainless steel spacer-expander with chrome-plated segments |
|                                 | Width                                 | .188   |
|                                 | Gap                                   | Not applicable   |
|                                 | <b>Expanders</b>                      | See above  |

### ENGINE - PISTON PINS

|  |  |                             |
|--|--|-----------------------------|
| <b>Material</b>                                | Carbon steel-carburizing grade           |                             |
| <b>Length</b>                                  | 3.565                                    |                             |
| <b>Diameter</b>                                | 1.0936                                   |                             |
| <b>Type</b>                                    | Locked in rod, in piston, floating, etc. | Press-fit in rod            |
|  | Bush- ing                                | None                        |
|  | Material                                 | --                          |
| <b>Clearance</b>                               | In piston                                | .00045 to .00075            |
|  | In rod                                   | .0007 to .0014 interference |
| <b>Direction &amp; amount offset in piston</b> | Right .06                                |                             |

### ENGINE - CONNECTING RODS

|                                  |                    |                            |                |
|----------------------------------|--------------------|----------------------------|----------------|
| <b>Material</b>                  | Drop-forged steel  |                            |                |
| <b>Weight (oz.)</b>              | 28.6               | 29.8                       |                |
| <b>Length (center to center)</b> | 6.358              | 6.768                      |                |
| <b>Bearing</b>                   | Material & Type    | Lead-base babbitt on steel | Tri-metal      |
|                                  | Overall length     | .927                       |                |
|                                  | Clearance (limits) | .0002 to .0022             | .0005 to .0030 |
|                                  | End play           | .009 to .017 (2 rods)      |                |



# AMA Specifications—Passenger Car

|                                    |                               |                                   |                           |
|------------------------------------|-------------------------------|-----------------------------------|---------------------------|
| <b>MAKE OF CAR</b> <u>CHRYSLER</u> | <b>MODEL YEAR</b> <u>1969</u> | <b>DATE ISSUED</b> <u>9-10-68</u> | <b>REVISED</b> <u>(a)</u> |
| See Page 3 for Engine Usage        |                               |                                   |                           |
| <b>MODEL</b>                       | 383 CID All                   | 440 CID All                       |                           |

## ENGINE – CRANKSHAFT

|  |  |                               |  |              |
|--|--|-------------------------------|--|--------------|
| <b>Material</b>                          |  | Drop-forged steel             |  |              |
| <b>Vibration damper type</b>             |  | Non-adhesive, rubber, dynamic |  |              |
| <b>End thrust taken by bearing (No.)</b> |  | Three                         |  |              |
| <b>Crankshaft end play</b>               |  | .002 to .007                  |  |              |
| <b>Main bearing</b>                      | <b>Material &amp; type</b>                     |                               | Lead-base babbitt on steel, removable, precision |              |
|  | <b>Clearance</b>                               |                               | .0002 to .0022 specified, .0005 to .0015 desired |              |
|  | <b>Journal dia. and bearing overall length</b> | No. 1                         | 2.625 x 0.944                                    | 2.75 x 0.944 |
|  |  | No. 2                         | 2.625 x 0.944                                    | 2.75 x 0.944 |
|  |  | No. 3                         | 2.625 x 1.223                                    | 2.75 x 1.223 |
|  |  | No. 4                         | 2.625 x 0.944                                    | 2.75 x 0.944 |
|  |  | No. 5                         | 2.625 x 0.944                                    | 2.75 x 0.944 |
| No. 6                                    |  | --                            |  |              |
| No. 7                                    |  | --                            |  |              |
| <b>Dir. &amp; amt. cyl. offset</b>       |  | None                          |  |              |
| <b>Crankpin journal diameter</b>         |  | 2.375                         |  |              |

## ENGINE – CAMSHAFT

|                      |   |   |   |  |
|----------------------|---|---|---|--|
| <b>Location</b>      |   | Center of "V"   |   |  |
| <b>Material</b>      |   | Hardenable cast iron; oil pump and distributor drive gear cast integrally |   |  |
| <b>Bearings</b>      | <b>Material</b>                             | Lead-base babbitt on steel  |   |  |
|                      | <b>Number</b>                               | Five  |   |  |
| <b>Type of Drive</b> | <b>Gear or chain</b>                        |   | Chain   |  |
|                      | <b>Crankshaft gear or sprocket material</b> |   | Malleable cast iron or sintered iron (Super Oilite) |  |
|                      | <b>Camshaft gear or sprocket material</b>   |   | Nylon-coated aluminum                               |  |
|                      | <b>Timing chain</b>                         | No. of links  | 50  |  |
|                      |   | Width   | .75   |  |
| Pitch                |   | .50   |   |  |

## ENGINE – VALVE SYSTEM

|  |         |                              |
|--|---------|------------------------------|
| <b>Hydraulic lifters (Std., opt., NA)</b>                |         | Std                          |
| <b>Valve rotator, type (intake, exhaust)</b>             |         | Low-friction lock on exhaust |
| <b>Rocker ratio</b>                                      |         | 1.5:1                        |
| <b>Operating tappet clearance (indicate hot or cold)</b> | Intake  | Hydraulic                    |
|  | Exhaust | Hydraulic                    |

(Continued)

# AMA Specifications—Passenger Car

MAKE OF CAR CHRYSLER MODEL YEAR 1969 DATE ISSUED 9-10-68 REVISED (a)  
 See Page 3 for Engine Usage

MODEL 383 CID 440 CID  
 2-V 4-V Std Hi-Perf

## ENGINE - VALVE SYSTEM (cont.)

|  |                                       |                                     |                                    |            |              |            |
|--|---------------------------------------|-------------------------------------|------------------------------------|------------|--------------|------------|
| Timing<br>(based on<br>top of<br>ramp<br>points) | Intake                                | Opens (°BTC)                        | 18                                 |            | 21           |            |
|  |                                       | Closes (°ABC)                       | 58                                 |            | 67           |            |
|  |                                       | Duration - deg.                     | 256                                |            | 268          |            |
|  | Exhaust                               | Opens (°BBC)                        | 66                                 |            | 79           |            |
|  |                                       | Closes (°ATC)                       | 14                                 |            | 25           |            |
|  |                                       | Duration - deg.                     | 260                                |            | 284          |            |
|  | Valve opening overlap                 |                                     | 32                                 |            | 46           |            |
| Intake   | Material                              |                                     | SAE 1041                           |            |              |            |
|  | Overall length                        |                                     | 4.87                               |            |              |            |
|  | Actual overall head dia.              |                                     | 2.08                               |            |              |            |
|  | Angle of seat & face, deg             |                                     | Seat: 44.5 to 45; valve 45 to 45.5 |            |              |            |
|  | Seat insert material                  |                                     | None                               |            |              |            |
|  | Stem diameter                         |                                     | .372 to .373                       |            |              |            |
|  | Stem to guide clearance               |                                     | .001 to .003                       |            |              |            |
|  | Lift (w zero lash)                    |                                     | .425                               |            | .450         |            |
|  | Outer<br>spring<br>press. &<br>length | Valve closed<br>(lb. @ in.)         | 125 @ 1.86                         |            |              |            |
|  |                                       | Valve open<br>(lb. @ in.)           | 200 @ 1.43                         |            |              |            |
|  | Inner<br>spring<br>press. &<br>length | Valve closed<br>(lb. @ in.)         | None                               |            | Surge damper |            |
|  |                                       | Valve open<br>(lb. @ in.)           | None                               |            | Surge damper |            |
|  | Exhaust                               | Material                            |                                    | 21 - 4N    |              |            |
|  |                                       | Overall length                      |                                    | 4.89       |              |            |
| Actual overall head dia.                         |                                       | 1.74                                |                                    |            |              |            |
| Angle of seat & face, deg                        |                                       | Seat: 44.5 to 45; valve: 45 to 45.5 |                                    |            |              |            |
| Seat insert material                             |                                       | None                                |                                    |            |              |            |
| Stem diameter                                    |                                       | .371 to .372                        |                                    |            |              |            |
| Stem to guide clearance                          |                                       | .002 to .004                        |                                    |            |              |            |
| Lift (@ zero lash)                               |                                       | .437                                |                                    | .465       |              |            |
| Outer<br>spring<br>press. &<br>length            |                                       | Valve closed<br>(lb. @ in.)         | 125 @ 1.86                         | 115 @ 1.86 | 125 @ 1.86   | 115 @ 1.86 |
|  |                                       | Valve open<br>(lb. @ in.)           | 202 @ 1.42                         | 227 @ 1.42 | 202 @ 1.42   | 234 @ 1.40 |
| Inner<br>spring<br>press. &<br>length            | Valve closed<br>(lb. @ in.)           | None                                |                                    |            |              |            |
|  | Valve open<br>(lb. @ in.)             | None                                |                                    |            |              |            |

## ENGINE - LUBRICATION SYSTEM

|   |                      |                   |
|---|----------------------|-------------------|
| Type of<br>lubrica-<br>tion<br>(splash,<br>pressure,<br>nozzle) | Main bearings        | Pressure          |
|   | Connecting rods      | Pressure          |
|   | Piston pins          | Metered jet spray |
|   | Camshaft bearings    | Pressure          |
|   | Tappets              | Pressure          |
|   | Timing gear or chain | Jet               |
|   | Cylinder walls       | Metered jet spray |

(a) 440 CID: 66

(Continued)



# AMA Specifications—Passenger Car

MAKE OF CAR CHRYSLER MODEL YEAR 1969 DATE ISSUED 9-10-68 REVISED <sup>(a)</sup>  
 See Page 3 for Engine Usage

MODEL 383 CID 440 CID  
1, 2-V 1, 4-V Std Hi-Perf

### ENGINE – LUBRICATION SYSTEM (cont.)

|   |   |
|---|---|
| Oil pump type   | Rotary  |
| Normal oil pressure (lb. engine rpm)                            | 45 to 65 @ 2000   |
| Oil press. sending unit (elect. or mech.)                       | Electric  |
| Type oil intake (floating, stationary)                          | Stationary  |
| Oil filter system (full flow, part., other)                     | Full flow (a)   |
| Filter replacement (element, complete)                          | Complete  |
| Capacity of c case, less filter-refill (qt.)                    | 4   |
| Oil grade recommended (SAE viscosity and temperature range) (b) | Consistently above +32F . . . . . SAE 10W-30, 20W-40, or SAE 30 |
|   | Occasionally as low as -10F . . . . . SAE 10W-30                |
|   | Consistently between +32F & -10F . . . . . SAE 10W-30 or 10W    |
|   | Consistently below +10F . . . . . SAE 5W-20                     |
| Engine Service Reqmt. (MM, MS, etc.)                            | MS  |

### ENGINE – EXHAUST SYSTEM

| Type (single, single with cross-over, dual, other)                       | Single with crossover        | Dual            | Single with crossover (f)    | Dual         |
|--|------------------------------|-----------------|------------------------------|--------------|
| Muffler No. & type (reverse flow, straight thru, separate resonator) (c) | One muffler one resonator(d) | Two mufflers    | One muffler one resonator(d) | Two mufflers |
| Exhaust pipe dia. (O.D., wall thick.)                                    | Branch                       | --              | 2.00 x .075 (g)              | --           |
|  | Main                         | 2.50 x .075 (e) | 2.50 x .075 (e,h)            | 2.50 x .075  |
| Tail pipe dia. (O.D. & wall thickness)                                   | 2.25 x .043                  | 2.00 x .043     | 2.50 x .043 (j)              | 2.00 x .043  |

### ENGINE – CRANKCASE VENTILATION SYSTEM

| Type (ventilates to atmos., induction system, other) | Standard   | Induction system   |
|--|--|--|
|  | Optional   | None   |
| Control Unit   | Make and model   | Chicago Screw 2843257 or United Air Cleaner 2843256            |
|  | Location   | Cylinder head cover outlet                                     |
|  | Energy source (manifold vacuum, carburetor air stream, other)                | Manifold vacuum  |
|  | Control method (variable orifice, fixed orifice, other)                      | Variable orifice   |
| Complete system                                      | Discharges (to intake manifold, carb. air intake, air cleaner intake, other) | Intake manifold, at or below base of carburetor                |
|  | Air inlet (breather cap, carburetor air cleaner, other)                      | Tube from carburetor air cleaner intake horn to oil filler cap |
|  | Flame arrestor (screen, check valve, other)                                  | Check valve  |

- (a) Change filter every second oil change; replacement part number: 1851658 (MoPar L-72).
- (b) Recommended oil change interval: every three months or 4000 miles, whichever comes first.
- (c) All mufflers are 3-pass., 4-partition
- (d) Resonator not used on Town & Country
- (e) Two-ply laminate. Right branch 0.120 wall.
- (f) Town & Country Dual
- (g) Laminated
- (h) Town & Country: 2.25 x 0.075
- (j) Town & Country: 2.00 x 0.043

# AMA Specifications—Passenger Car

MAKE OF CAR CHRYSLER MODEL YEAR 1969 DATE ISSUED 9-11-68 REVISED (a)

All Models

MODEL \_\_\_\_\_

## ENGINE - EXHAUST EMISSION CONTROL(a)

| Type (Air injection, engine modifications, other) & name |   | Engine Modifications; Cleaner Air System |   |
|--|---|--|---|
| Air Injection Pump                                       | Type                                      | Not applicable                           |   |
|  | Displacement                              | "  |   |
|  | Drive ratio                               | "  |   |
|  | Drive type                                | "  |   |
|  | Relief valve (type)                       | "  |   |
|  | Filter (describe)                         | "  |   |
| Air Injection System                                     | Air distribution (head, manifold, etc.)   | "  |   |
|  | Point of entry                            | "  |   |
|  | Injection tube I.D.                       | "  |   |
|  | Check valve type                          | "  |   |
|  | Backfire protection (type)                | "  |   |
| Carburetor   | Make                                      | See page 10                              |   |
|  | Model                                     | "  |   |
|  | Barrel size                               | "  |   |
|  | Idle speed                                | Drive                                    | " |
|  |   | Neutral                                  | " |
| Idle A. F mixture  | "   |  |   |
| Distributor  | Aux. Adv. Systems (type)                  | None                                     |   |
|  | Make                                      | Chrysler                                 |   |
|  | Model                                     | See page 13                              |   |
|  | Cent'gal adv. in crank degrees @ eng. rpm | Start (rpm)                              | " |
|  |   | Intermed. points deg. @ rpm              | " |
|  |   | Max. deg. @ rpm                          | " |
|  | Vacuum adv. in crank degrees @ eng. rpm   | Start (in Hg)                            | " |
| Intermed. points deg. @ in. Hg<br>Max. deg. @ in.        |   | "  |   |
| Vacuum Source  | Carburetor port                           |  |   |
| Timing - Crank degrees @ rpm                             | See page 13                               |  |   |
| Cooling System   | None                                      |  |   |
| Exhaust System   | None                                      |  |   |

(a) Maintenance: every 6 months inspect crankcase ventilator valve, oil filler pipe cap, associated hoses. Clean oil filler cap. Test ventilator valve for proper operation. Every year replace crankcase ventilator valve.

# AMA Specifications—Passenger Car

MAKE OF CAR CHRYSLER MODEL YEAR 1969 DATE ISSUED 9-11-68 REVISED (a) 3-18-69

See Page 3 for Engine Usage

|              |         |         |     |     |     |         |
|--------------|---------|---------|-----|-----|-----|---------|
| <b>MODEL</b> | 383 CID | 440 CID | 2-V | 4-V | Std | Hi-Perf |
|--------------|---------|---------|-----|-----|-----|---------|

**ENGINE – FUEL SYSTEM**

(See supplemental page for Details of Fuel Injection, Supercharger, etc. if used)

|   |   |  |                       |     |     |     |
|---|---|--|-----------------------|-----|-----|-----|
| Induction type: Carburetor, fuel injection, supercharger. |   | Carburetor                                       |                       |     |     |     |
| Fuel Tank   | Refill capacity (U.S. gals.)                    | 24 (23 for station wagons)                       |                       |     |     |     |
|   | Filler location                                 | Rear center (left rear fender on station wagons) |                       |     |     |     |
| Fuel Pump   | Type (elec. or mech.)                           | Mechanical                                       |                       |     |     |     |
|   | Locations                                       | Right front                                      |                       |     |     |     |
|   | Pressure range                                  | 3.5 to 5   |                       |     |     |     |
| Vacuum booster (std., optional, none)                     |   | None   |                       |     |     |     |
| Fuel Filter   | Type  | Fuel tank; plastic; fuel line: paper 2525254     |                       |     |     |     |
|   | Locations                                       | One in fuel tank, one in fuel supply line        |                       |     |     |     |
| Carburetor  | Choke type                                      | Automatic, separate                              |                       |     |     |     |
|   | Intake manifold heat control (exhaust or water) | Exhaust  |                       |     |     |     |
|   | Air cleaner type                                | Standard (a)                                     | Paper element 2402677 |     |     |     |
| Idle speed (spec. neutral or drive)                       | Manual  | 700  | --                    |     |     |     |
|   |   | Automatic  | 600                   | 650 | 600 | 650 |
|   | Idle A/F mix.                                   | 14.0 to 14.4                                     |                       |     |     |     |

**CARBURETOR SUPPLEMENTARY INFORMATION**

| Model Usage                     | Engine Displ. | Transmission | Carburetors |               | No. Used and Type  | Barrel Size        |
|---------------------------------|---------------|--------------|-------------|---------------|--------------------|--------------------|
|                                 |               |              | Make        | Model         |                    |                    |
| Std: CE, CL                     | 383           | Manual       | Carter      | BBD-4613S     | 1, 2-V             | 1.56               |
| Opt: CE, CL<br>Std: CP45, 46    |               | Automatic    |             | BBD-4774S     |                    |                    |
| Opt: CE, CL<br>CP45, 46         |               | Automatic    |             | AVS-4616S (b) | 1, 4-V             | P: 1.44<br>S: 1.69 |
| Std: CM, CH<br>Opt: CP45, 46    | 440           | Automatic    | Holley      | R-4166A       |                    | P: 1.56<br>S: 1.56 |
| Opt: All Models<br>Exc CP45, 46 | 440 Hi-Perf   | Automatic    | Carter      | AVS-4618S (c) | P: 1.69<br>S: 1.69 |                    |

(a) Clean every 6 months. Replace every 2 years with P/N noted.

(b) With AC: AVS-4638S

(c) With AC: AVS-4640S

# AMA Specifications—Passenger Car

MAKE OF CAR CHRYSLER MODEL YEAR 1969 DATE ISSUED 9-11-68 REVISED <sup>(a)</sup>  
 See Page 3 for Engine Usage

|       |         |         |       |
|-------|---------|---------|-------|
|       | 383 CID | 440 CID |       |
| MODEL | w/o AC  | w/AC    | wo/AC |
|       |         |         | w/AC  |

## ENGINE - COOLING SYSTEM

|   |                                  |   |                              |         |        |         |
|---|----------------------------------|---|------------------------------|---------|--------|---------|
| Type system (pressure, pressure vented, atmospheric, other) |                                  | Pressure-Vented                           |                              |         |        |         |
| Radiator cap relief valve pressure                          |                                  | 16  |                              |         |        |         |
| Circulation thermostat                                      | Type (choke, bypass)             | Choke, pellet                             |                              |         |        |         |
|   | Starts to open at (°F)           | 190                                       |                              |         |        |         |
| Water pump  | Type (centrifugal, other)        | Centrifugal                               |                              |         |        |         |
|   | GPM @ 1000 pump rpm              | NA  |                              |         |        |         |
|   | Number of pumps                  | One                                       |                              |         |        |         |
|   | Drive (V-belt, other)            | V-belt                                    |                              |         |        |         |
| Bearing type  |                                  | Ball, integral, shaft, permanently sealed |                              |         |        |         |
| By-pass recirculation type (inter., ext.)                   |                                  | Internal                                  |                              |         |        |         |
| Radiator core type (cellular, tube and fin, other)          |                                  | Tube and spacer                           |                              |         |        |         |
| Cooling system capacity                                     | With heater (qt.) (z) pg 12      | 16  | 17                           | 17      | 18     |         |
|   | Without heater (qt.)             | 15  | 16                           | 16      | 17     |         |
|   | Opt. equipment-specify (qt.) (a) | 17  |                              | 18      |        |         |
| Water jackets full length of cyl. (yes, no)                 |                                  | No  |                              |         |        |         |
| Water all around cylinder (yes, no)                         |                                  | Yes                                       |                              |         |        |         |
| Radiator hose   | Lower                            | Number and type (molded, straight)        | One, molded                  |         |        |         |
|   |                                  | Inside diameter                           | 1.75                         |         |        |         |
|   | Upper                            | Number and type (molded, straight)        | One, molded                  |         |        |         |
|   |                                  | Inside diameter                           | 1.50                         |         |        |         |
|   | By-pass                          | Number and type (molded, straight)        | None                         |         |        |         |
|   |                                  | Inside diameter                           | --                           |         |        |         |
| Fan   | Number of blades & spacing       |   | 7                            |         |        |         |
|   | Diameter                         |   | 18.0                         | 18.5    | 18     |         |
|   | Ratio-fan to crankshaft rev.     |   | 0.95:1                       | 1.40:1  | 0.95:1 | 1.40:1  |
|   | Fan cutout type                  |   | None                         | Thermal | None   | Thermal |
|   | Bearing type                     |   | See water pump bearing above |         |        |         |
| * Drive belts (indicate belt used by letter)                | Fan                              |   | A                            | B       | A      | B       |
|   | Generator or alternator          |   | A                            | C       | A      | C       |
|   | Water Pump                       |   | A                            | B       | A      | B       |
|   | Power Steering                   |   | D (b)                        |         |        |         |
| Air Conditioning  |                                  | --  | C                            | --      | C      |         |

(a) Maximum cooling (b) With 0.94 pump; with 1.06 pump: E

| * Drive Belt Dimensions | A    | B    | C    | D    | E    | F | G | H | I | J | K |
|-------------------------|------|------|------|------|------|---|---|---|---|---|---|
| Angle of V, Degrees     | 36   | 36   | 36   | 36   | 36   |   |   |   |   |   |   |
| Nominal length (SAE)    | 44.8 | 36.5 | 59.0 | 44.0 | 43.0 |   |   |   |   |   |   |
| Width                   | .38  | .38  | .38  | .38  | .38  |   |   |   |   |   |   |

# AMA Specifications—Passenger Car

MAKE OF CAR CHRYSLER MODEL YEAR 1969 DATE ISSUED 9-11-68 REVISED <sup>(a)</sup> 3-18-69

See Page 3 for Engine Usage

|              |         |     |         |         |
|--------------|---------|-----|---------|---------|
| <b>MODEL</b> | 383 CID |     | 440 CID |         |
|              | 2-V     | 4-V | Std     | Hi-Perf |

## ELECTRICAL – SUPPLY SYSTEM

|                   |                                 |                               |   |          |
|-------------------|---------------------------------|-------------------------------|---|----------|
| <b>Battery</b>    | Make and Model (a)              |                               | 24-MB-59  | 27-MB-70 |
|                   | Voltage Rtg. & Total Plates     |                               | 12, 66  | 12, 78   |
|                   | SAE Designation & Amp. Hr. Rtg. |                               | 9HC3-A, 59  | 9HC5, 70 |
|                   | Location                        |                               | Left front fender side shield                             |          |
|                   | Terminal grounded               |                               | Negative  |          |
| <b>Alternator</b> | Make                            |                               | Chrysler  |          |
|                   | Model                           |                               | 2642537 wo/AC, 2098850 w/AC                               |          |
|                   | Type and rating (b)             |                               | 37 amp wo/AC, 46 amp w/AC (c)                             |          |
|                   | Output at engine idle (neutral) |                               | --  |          |
|                   | Ratio—Gen. to Cr/s rev.         |                               | 2.55:1 wo/AC 2.44:1 w/AC                                  |          |
| <b>Regulator</b>  | Make                            |                               | Chrysler  |          |
|                   | Model                           |                               | 2098300   |          |
|                   | Type                            |                               | Voltage control   |          |
|                   | Cutout relay                    | Closing voltage generator rpm | --  |          |
|                   |                                 | Reverse current to open       | --  |          |
|                   | Regulated                       | Voltage                       | 13.5 to 14.5 @ 70°F ambient                               |          |
|                   |                                 | Current                       | --  |          |
|                   | Voltage test conditions         | Temperature                   | 70°F  |          |
|                   |                                 | Load                          | 15 amp  |          |
|                   |                                 | Other                         | After running engine 15 min. at 1250 rpm with 15 amp load |          |

## ELECTRICAL – STARTING SYSTEM

|                       |                             |          |   |     |
|-----------------------|-----------------------------|----------|---|-----|
| <b>Starting Motor</b> | Make                        |          | Chrysler  |     |
|                       | Model                       |          | 2095150   |     |
|                       | Rotation (drive end view)   |          | Clockwise   |     |
| <b>Motor control</b>  | Switch (solenoid, manual)   |          | Solenoid  |     |
|                       | Starting procedure          |          | With transmission in "Neutral" or "Park" depress accelerator pedal to floor and release. Turn ignition key to start position and release when engine starts. When engine is running smoothly tap accelerator pedal to reduce fast idle speed. |     |
| <b>Motor Drive</b>    | Engagement type             |          | Solenoid  |     |
|                       | Pinion meshes (front, rear) |          | Front   |     |
|                       | Number of teeth             | Pinion   | 10  |     |
|                       |                             | Flywheel | 130   | 143 |
|                       | Flywheel tooth face width   | Manual   | 130   |     |
|                       |                             | Auto.    | 0.340   |     |
|                       | Manual                      | 0.340    |   |     |
|                       | Auto.                       | 0.340    |   |     |

(a) MoPar

(b) Three-phase full-wave rectified

(c) With Automatic Temperature control or Dual AC: 60 amp

(z) (Refer to page 11) Protect cooling system with Glycol-base antifreeze. Alcohol-base antifreeze is not recommended because of its low boiling point.

# AMA Specifications—Passenger Car

MAKE OF CAR **CHRYSLER** MODEL YEAR **1969** DATE ISSUED **9-11-68** REVISED (e)

See Page 3 for Engine Usage

MODEL **383 CID** **440 CID**  
**2-V** **4-V** **Std** **Hi-Perf**

ELECTRICAL - IGNITION SYSTEM **Manual** **Automatic**

Type **Conventional - Std., Opt., N.A.** **Std**  
**Transistorized - Std., Opt., N.A.** **NA**  
**Other (specify)** **--**

Coil **Make** **Chrysler-Prestolite or Chrysler-Essex**  
**Model** **Prestolite: 2444242; Essex: 2444241**  
**Amps** **Engine stopped** **3.0**  
**Engine idling** **1.9**

Distributor **Make** **2875742** **2875747** **2875731** **2875764** **2875758**  
**Model** **See page 13A**  
**Cent'gal adv. in c shaft degrees @ engine rpm (nominal)** **Start (rpm)** **"**  
**Intermediate points deg. @ rpm** **"**  
**Max. deg. @ rpm** **"**  
**Vacuum adv. in c shaft degrees @ in. Hg. (nominal)** **Start (in. Hg.)** **"**  
**Intermediate points, deg. @ in. Hg.** **"**  
**Max. deg. in. Hg.** **"**  
**Breaker gap (in.)** **0.014 to 0.019**  
**Cam angle (deg.)** **30 to 35**  
**Breaker arm tension (oz.)** **17 to 20**

Timing **Crankshaft deg. @ rpm** **TDC** **7-1/2 BTC** **5 BTC** **7-1/2 BTC** **5 BTC**  
**Mark location** **Vibration damper**

Spark Plug **Make & Model** **MoPar** **P-3-6P** **P-3-4P** **P-3-5P** **P-3-4P**  
**Champion** **J-14Y** **J-11Y** **J-13Y** **J-11Y**  
**Thread (mm)** **14 mm**  
**Tightening torque (lb. ft.)** **30 to 32**  
**Gap** **0.035**

Cable **Conductor type** **Resistor**  
**Insulation type** **Synthetic rubber with Hypalon jacket**  
**Spark plug protector** **Silicone**

## ELECTRICAL - SUPPRESSION

Locations & type **Resistance-type spark plug and coil cables**



MAKE OF CAR CHRYSLER MODEL YEAR 1969 DATE ISSUED 9-11-68 REVISED (\*)SPECIFICATIONS

| DISTRIBUTOR<br>PART<br>NUMBER | CENTRIFUGAL ADVANCE<br>Crankshaft Degrees at Engine RPM |              |           | VACUUM ADVANCE<br>Crankshaft Degrees at Inches of Mercury |              |           |
|-------------------------------|---|--------------|-----------|---|--------------|-----------|
|                               | Start   | Intermediate | Maximum   | Start   | Intermediate | Maximum   |
| 2875731                       | 0 @ 900   | 22 @ 1400    | 32 @ 5000 | 0 @ 6.5   | 12 @ 11.0    | 21 @ 15.0 |
| 2875742                       | 0 @ 900   | 22 @ 1300    | 44 @ 4700 | 0 @ 6.5   | 13 @ 10.0    | 24 @ 13.5 |
| 2875747                       | 0 @ 800   | 17 @ 1300    | 36 @ 4600 | 0 @ 6.5   | 13 @ 10.0    | 24 @ 13.5 |
| 2875758                       | 0 @ 850   | 19 @ 1400    | 30 @ 4800 | 0 @ 9.0   | 10 @ 12.0    | 21 @ 16.0 |
| 2875764                       | 0 @ 800   | 14 @ 1500    | 26 @ 4500 | 0 @ 10.0  | 13 @ 13.0    | 24 @ 16.0 |

# AMA Specifications—Passenger Car

MAKE OF CAR CHRYSLER MODEL YEAR 1969 DATE ISSUED 9-11-68 REVISED (a)

MODEL \_\_\_\_\_ All Models

## ELECTRICAL – INSTRUMENTS AND EQUIPMENT

|                               |                        |  |
|-------------------------------|------------------------|--|
| Speed-ometer                  | Type                   | Parallel drive, pointer                          |
|                               | Trip odometer (yes,no) | Yes  |
| Charge indicator – type       |                        | Ammeter  |
| Temperature indicator – type  |                        | Light  |
| Oil pressure indicator – type |                        | Light  |
| Fuel indicator – type         |                        | Electric, thermal                                |
| Other                         |                        | Brake system and parking brake warning light (a) |
| Wind-shield wiper             | Type – Standard        | Electric, two-speed (b)                          |
|                               | Type – Optional        | Electric, three-speed (b)                        |
| Wind-shield washer            | Type – Standard        | Electric   |
|                               | Type – Optional        | --   |
| Horn                          | Type                   | Four-inch sea shell                              |
|                               | Number used            | Two  |
|                               | Amp draw (each)        | Spartan: 6-8 amp; Prestolite: 4-6 amp            |

## DRIVE UNITS – CLUTCH (Manual Transmission)

|                             |                                     |                                      |
|-----------------------------|-------------------------------------|--------------------------------------|
|                             |                                     | See Page 3 for Engine Usage          |
| MODEL                       |                                     | 383 CID 1, 2-V                       |
| Make & type dry plate       |                                     | Borg & Beck                          |
| Type pressure plate springs |                                     | Coil                                 |
| Total spring load (lb.)     |                                     | 2181                                 |
| No. of clutch driven discs  |                                     | One                                  |
| Clutch facing               | Material                            | Woven asbestos                       |
|                             | Outside & inside dia.               | 11.0 & 6.5                           |
|                             | Total eff. area (sq.in.)            | 123.6                                |
|                             | Thickness                           | 0.135                                |
|                             | Engagement cushioning method        | Flat-wave springs                    |
| Release bearing             | Type & method of lubrication        | Ball bearing, permanently lubricated |
| Torsional damping           | Methods: springs, friction material | Coil springs and friction washers    |

(a) New Yorker: clock, electric

(b) New Yorker: electric, three-speed, standard

# AMA Specifications—Passenger Car

|                                    |                               |   |
|------------------------------------|-------------------------------|---|
| <b>MAKE OF CAR</b> <u>CHRYSLER</u> | <b>MODEL YEAR</b> <u>1969</u> | <b>DATE ISSUED</b> <u>9-11-68</u> <b>REVISED</b> <sup>(e)</sup> |
| <b>MODEL</b>                       | 383 CID, 2-V<br>Exc CP 45, 46 | All Exc 383 CID 1, 2-V  |

### DRIVE UNITS – TRANSMISSIONS

|                                      |     |     |
|--------------------------------------|-----|-----|
| Manual 3-speed (std. or opt.)        | Std | NA  |
| Manual 4-speed (std. or opt.)        |     | NA  |
| Manual with overdrive (std. or opt.) |     | NA  |
| Automatic (std. or opt.)             | Opt | Std |

### DRIVE UNITS – MANUAL TRANS.

|                                    |                      |   |        |     |
|------------------------------------|----------------------|---|--------|-----|
| Number of forward speeds           | 3                    | / |        |     |
| Transmission ratios                | In first             |   | 2.55   |     |
|                                    | In second            |   | 1.49   |     |
|                                    | In third             |   | 1.00   |     |
|                                    | In fourth            |   | --     |     |
|                                    | In reverse           |   | 3.34   |     |
| Synchronous meshing, specify gears | 2nd & 3rd            |   |        |     |
| Shift lever location               | Steering column      |   |        |     |
| Lubricant                          | Capacity (pt.)       |   | 6.0    |     |
|                                    | Type recommended     |   | (a)    |     |
|                                    | SAE viscosity number |   | Summer | (a) |
|                                    |                      |   | Winter | (a) |
|                                    | Extreme cold         |   | (a)    |     |

### DRIVE UNITS – MANUAL TRANS. W/OVERDRIVE

(For transmission data see manual transmission section)

|   |   |                                 |        |
|---|---|---------------------------------|--------|
| Type (planetary or other)               | / |                                 |        |
| Manual lockout (yes, no)                |   |                                 |        |
| Downshift accelerator control (yes, no) |   |                                 |        |
| Minimum cut-in speed                    |   |                                 |        |
| Gear ratio                              |   |                                 |        |
| Lubricant                               |   | Capacity (pt.) (Overdrive only) |        |
|   |   | Separate filler (yes, no)       |        |
|   |   | Type recommended                |        |
|   |   | SAE viscosity number            | Summer |
|   |   |                                 | Winter |
|   |   | Extreme cold                    |        |

- (a) Automatic Transmission Fluid, Type AQ-ATF-2848 A for all temperature ranges; Multipurpose Gear Lubricant, SAE 90 may be used in warm climates.

**RECOMMENDED CHANGE INTERVAL:** no oil change required except in severe service such as taxi or police operation, trailer towing, or continuous operation at higher-than-normal loading. Under these conditions, change oil at 36,000 miles or 3 years, and every 12,000 miles or each year thereafter.

# AMA Specifications—Passenger Car

|                                    |                               |                                   |                               |
|------------------------------------|-------------------------------|-----------------------------------|-------------------------------|
| <b>MAKE OF CAR</b> <u>CHRYSLER</u> | <b>MODEL YEAR</b> <u>1969</u> | <b>DATE ISSUED</b> <u>9-11-68</u> | <b>REVISED</b> <sup>(a)</sup> |
| See Page 3 for Engine Usage        |                               |                                   |                               |
| <b>MODEL</b>                       | 383 CID                       | 440 CID                           |                               |
|                                    | 2-V                           | 4-V                               | Std      Hi-Perf              |

## DRIVE UNITS – AUTOMATIC TRANSMISSION

|  |  |   |              |
|--|--|---|--------------|
| <b>Trade name</b>  | TorqueFlite  |   |              |
| <b>Type describe</b>   | Torque converter with automatically-operated planetary gear transmission |   |              |
| <b>Selector location</b>   | Lever: steering column or console-mounted                                |   |              |
| <b>List gear ratios Selector Pattern and indicate which are used in each selector position</b> | Reverse: 2.20<br>Drive: 2.45, 1.45, 1.00<br>2: 2.45, 1.45<br>1: 2.45     |   |              |
| <b>Max. upshift speed—drive range</b>  | 90   | 93  | 90      93   |
| <b>Max. kickdown speed—drive range</b>   | 81   | 84  | 81      84   |
| <b>Torque converter</b>  | <b>Number of elements</b>  | Three   |              |
|  | <b>Max. ratio at stall</b>   | 2.0   |              |
|  | <b>Type of cooling (air, liquid)</b>                                     | Liquid  |              |
|  | <b>Nominal diameter</b>  | 11-3/4  | 10-3/4       |
| <b>Lubricant</b>   | <b>Capacity—refill (pt.)</b>   | 18.5  | 16      18.5 |
|  | <b>Type recommended (a)</b>  | Automatic Transmission Fluid, Type AQ-ATF-2848A |              |
| <b>Special transmission features</b>   | None   |   |              |

## DRIVE UNITS – PROPELLER SHAFT

|   |                               |                        |                     |
|---|-------------------------------|------------------------|---------------------|
| <b>Number used</b>  | One                           |                        |                     |
| <b>Type (straight tube, tube-in-tube, internal-external damper, etc.)</b> | Internal vibration absorber   |                        |                     |
| <b>Outer diam. x length* x wall thickness</b>                             | <b>Manual 3-speed trans.</b>  | 3.25 x 58.17<br>x .065 | --                  |
|   | <b>Manual 4-speed trans.</b>  | NA                     |                     |
|   | <b>Overdrive transmission</b> | NA                     |                     |
|   | <b>Automatic transmission</b> | 3.25 x 58.17<br>x .065 | 3.25 x 57.93 x .065 |

\* Center to center of universal joints, or to centerline of rear attachment.

(Continued)

(a) **RECOMMENDED CHANGE INTERVAL:** no oil change required except in severe service such as taxi or police operation, trailer towing, or continuous operation at higher-than-normal loading. Under these conditions, change oil at 36,000 miles or 3 years, and every 12,000 miles or each year thereafter.

## AMA Specifications—Passenger Car

MAKE OF CAR CHRYSLER MODEL YEAR 1969 DATE ISSUED 9-11-68 REVISED <sup>(a)</sup>MODEL All Models

## DRIVE UNITS – PROPELLER SHAFT (cont.)

|   |                                    |                             |
|---|------------------------------------|-----------------------------|
| Inter-mediate bearing                               | Type (plain, anti-friction)        | None                        |
|   | Lubrication (fitting, prepack)     | None                        |
| Slip Yoke   | Type                               | Sliding spline              |
|   | Number of teeth                    | 29                          |
|   | Spline O.D.                        | 1.325                       |
| Universal joints                                    | Make and Mfg. No.                  | Chrysler 7260 or 7290       |
|   | Number used                        | Two                         |
|   | Type (ball and trunnion, cross)    | Cross                       |
|   | Rear attach. (u-bolt, clamp, etc.) | C-clamp                     |
|   | Bearing                            | Type (plain, anti-friction) |
| Lubric. (fitting, prepack) (2) Pg 18                |                                    | Prepack                     |
| Drive taken through (torque tube or arms, springs)  |                                    | Rear springs                |
| Torque taken through (torque tube or arms, springs) |                                    | Rear springs                |

## DRIVE UNITS – AXLE

|                                   |  |                             |
|-----------------------------------|--|-----------------------------|
| Type (front, rear)                | Rear                                   |                             |
| Description                       | Carrier housing<br>Ring gear           |                             |
| Limited Slip differential, type   | Separable<br>8-3/4 OD                  |                             |
| Drive Pinion Offset               | Friction bias                          |                             |
| No. of differential pinions       | 1.50                                   |                             |
| Pinion adjustment (shim, other)   | 2                                      |                             |
| Pinion bearing adj. (shim, other) | Washer                                 |                             |
| Wheel bearing type                | Collapsible spacer                     |                             |
| Lubricant                         | Capacity (pt.)                         | Tapered roller              |
|                                   | Type recommended (a)                   | 4                           |
|                                   | SAE viscosity number                   | 2933565 MIL-L-2105-B        |
|                                   | Summer                                 | Above -10F . . . . . SAE 90 |
| Winter                            | Between -10F and -30F . . . . . SAE 80 |                             |
| Extreme cold                      | Below -30F . . . . . SAE 75            |                             |

## AXLE RATIO TOOTH COMBINATIONS

(See page 3 for axle ratio usage)

|                |           |      |    |
|----------------|-----------|------|----|
| Axle ratio     | 2.76      | 3.23 |    |
| No. of teeth   | Pinion    | 17   | 13 |
|                | Ring gear | 47   | 42 |
| Ring Gear O.D. | 8-3/4     |      |    |

(a) Axles with SURE-GRIP or limited slip identification tag use 2585318. No oil change required in normal service, except to provide correct viscosity grade for temperatures as described above. Factory fill oil is satisfactory to -30°F.

# AMA Specifications—Passenger Car

MAKE OF CAR CHRYSLER MODEL YEAR 1969 DATE ISSUED 9-11-68 REVISED (e) 3-18-69

|       |                              |                |
|-------|------------------------------|----------------|
| MODEL | All Except<br>Town & Country | Town & Country |
|-------|------------------------------|----------------|

### DRIVE UNITS - WHEELS(a)

|                          |                     |                  |        |
|--------------------------|---------------------|------------------|--------|
| Type & material          |                     | Disc, steel      |        |
| Rim (size & flange type) | Std.                | 5.5 JJ (b,c)     | 6.5 JJ |
|                          | Opt.                | 6.0 JJ<br>6.0 JJ | None   |
| Attachment               | Type (bolt or stud) | Stud             |        |
|                          | Circle diameter     | 4.5              |        |
|                          | Number and size     | Five, 1/2-20 NF  |        |

MODEL \_\_\_\_\_

### DRIVE UNITS - TIRES

|          |                                   |  |   |    |
|----------|-----------------------------------|--|---|----|
| Standard | Size, ply rating, & ply           | 8.55 x 15, 4-2   | 8.85 x 15, 4-2 (g)  |    |
|          | Type (bias, radial, etc.)         | Bias   |   |    |
|          | Full rated<br>Inflation<br>Press. | Front  | 26  | 22 |
|          |                                   | Rear   | 26  | 32 |
|          | Rev./Mile at 50 MPH               | 735  | 721 (g)   |    |
| Optional | Size, ply rating, & ply           | 8.55 x 15, 4-2/4 (e)<br>8.85 x 15, 4-2 (f)<br>H78 x 15, 4-2/4 (e)<br>J78 x 15, 4-2/4 (e) | 8.85 x 15, 4-2/4 (e)<br>9.15 x 15, 4-2<br>J78 x 15, 4-2/4 (e) |    |

### BRAKES - PARKING

|                                 |   |  |
|---------------------------------|---|--|
| Type of control                 | Foot-operated pedal, hand release control |  |
| Location of control             | Under left end of instrument panel        |  |
| Operates on                     | Rear wheels                               |  |
| If separate from service brakes | Type (internal or external)               |  |
|                                 | Drum diameter                             |  |
|                                 | Lining size (length x width x thickness)  |  |

- (a) Repack front wheel bearings whenever wheels are removed to inspect or service the brakes. Automotive Multipurpose Grease NLGI Grade 2 is recommended.
- (b) 16 x 6.0 JJ standard on New Yorker.
- (c) Available only with 8.55 x 15 tires.
- (e) 4-2/4 denotes bias fiberglass belted construction.
- (f) Not available on 15 x 5.5 JJ wheel.
- (g) 9.15 x 15, 4-2 standard on station wagon with dual air conditioning; no options; 719 rev./mile.

(z) (Refer to page 17) Relubrication required only under severe conditions; then every 36,000 miles with Multipurpose Grease NLGI Grade 2EP.



## AMA Specifications—Passenger Car

MAKE OF CAR CHRYSLER MODEL YEAR 1969 DATE ISSUED 9-11-68 REVISED (a) 3-18-69

|       |  |                    |
|-------|--|--------------------|
|       | Drum Brakes, Std                         | Disc Brakes, Opt • |
| MODEL | 383, 2-V & 383, 4-V   440 & 440 Hi-Perf. | All                |

## BRAKES—SERVICE (a)

| Type (drum) or (disc & no. of pistons)       |   | Drum                              |                     | Disc               |                    |                 |
|--|---|-----------------------------------|---------------------|--------------------|--------------------|-----------------|
| Self adjusting (std., opt., N.A.)            |   | Std                               |                     |                    |                    |                 |
| Special Valving                              | Type (proportion, delay, metering, other) | None                              |                     | (b)                |                    |                 |
| Power brake make & type (remote, int., etc.) | Std.                                      | --                                |                     | Integral           |                    |                 |
|  | Opt.                                      | Integral                          |                     | --                 |                    |                 |
| Effective area (sq. in.) *                   |   | 216.4                             | 220.1               | 145.1              |                    |                 |
| Gross lining area (sq. in.) **               |   | 223.4                             | 234.1               | 145.1              |                    |                 |
| Swept area (sq. in.) ***                     |   | 362.8                             | 380.1               | 392.7              |                    |                 |
| Front to Rear Effectiveness Relationship     |   | Front 60%; rear 40%               |                     |                    |                    |                 |
| Drum   | Diameter (nominal)                        | Front                             | 11                  |                    | --                 |                 |
|  |   | Rear                              | 11                  |                    |                    |                 |
|  | Type and material                         | Cast composite or cast iron       |                     |                    |                    |                 |
| Rotor  | Outer working diameter                    |                                   | --                  |                    | 11.75              |                 |
|  | Inner working diameter                    |                                   | --                  |                    | 7.725              |                 |
|  | Working width                             |                                   | --                  |                    | 2.0                |                 |
|  | Material & type (vented/solid)            |                                   | --                  |                    | Vented             |                 |
| Wheel cylinder bore                          | Front                                     |                                   | 1.125               |                    | 2.75               |                 |
|  | Rear                                      |                                   | .9375               |                    |                    |                 |
| Master Cylinder                              | Bore                                      |                                   | 1.0                 |                    | 1.125              |                 |
|  | displacement distribution                 | Front %                           |                     |                    |                    |                 |
| Rear %                                       |   |                                   |                     |                    |                    |                 |
| Pedal arc ratio                              |   | Manual: 6.7 Power: 3.12           |                     |                    |                    |                 |
| Line pressure at 100 lb. pedal load          |   | 1235                              |                     | 1155               |                    |                 |
| Shoe Clearance                               | Front                                     |                                   | No major adjustment |                    |                    |                 |
|  | Rear                                      |                                   | "                   |                    |                    |                 |
| Brake lining                                 | Bonded or riveted                         |                                   | Bonded              |                    |                    |                 |
|  | Front Wheel                               | Material                          |                     | Molded asbestos    |                    |                 |
|  |   | Size (length x width x thickness) | Prim. or out-board  | 9.31 x 2.75 x .19  | 9.31 x 3.00 x .19  | 7.2 x 1.8 x .44 |
|  |   |                                   | Second. or in-board | 11.97 x 2.75 x .24 | 11.97 x 3.00 x .24 | 7.2 x 1.8 x .44 |
|  |   | Segments per shoe                 |                     | One                |                    |                 |
|  | Rear Wheel                                | Material                          |                     | Molded asbestos    |                    |                 |
| Size (length x width x thickness)            |   | Prim. or out-board                | 9.31 x 2.5 x .19    |                    |                    |                 |
|  |   | Second. or in-board               | 11.97 x 2.5 x .24   |                    |                    |                 |
| Segments per shoe                            |   | One                               |                     |                    |                    |                 |

\* 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 contact circumference.)

- (a) Inspect all brake linings for wear every 12,000 miles. Check master cylinder fluid level twice each year. Use only fluid conforming to SAE 70R3, or Chrysler Hi-Temp brake fluid.
- (b) Front: proportioning valve; rear: residual pressure valve.

# AMA Specifications—Passenger Car

MAKE OF CAR CHRYSLER MODEL YEAR 1969 DATE ISSUED 9-11-68 REVIS<sup>(a)</sup>

|  |         |   |   |
|--|---------|---|---|
|  | E, L, M | H | P |
|--|---------|---|---|

## MODEL

## STEERING

|  |   |   |  |      |      |
|--|---|---|--|------|------|
| Manual (std., opt., NA)                        |   | Std   | NA   |      |      |
| Power (std., opt., NA)                         |   | Opt   | Std  |      |      |
| Adjustable steering wheel (tilt, swing, other) | Type and description                      | Tilt and telescope                                  |  |      |      |
|  | (std., opt., NA)                          | Opt. power steering and auto. transmission required |  |      |      |
| Wheel diameter                                 | Manual                                    | 16.0  | --   |      |      |
|  | Power                                     | 16.0  |  |      |      |
| Turning diameter (feet)                        | Outside front                             | Wall to wall (l. & r.)                              | Manual: 47.5   | 47.4 | 47.9 |
|  |   | Curb to curb (l. & r.)                              | 44.3   | 44.2 | 44.9 |
|  | Inside rear                               | Wall to wall (l. & r.)                              | 26.6   | 26.5 | 27.0 |
|  |   | Curb to curb (l. & r.)                              | 27.4   | 27.2 | 27.7 |
| Manual (a)                                     | Gear                                      | Type  | Recirculating ball                                   |      |      |
|  |   | Make  | Chrysler   |      |      |
|  | Ratios                                    | Gear  | 24.0:1   |      |      |
|  |   | Overall   | 29.2:1   |      |      |
|  | No. wheel turns (stop to stop)            |   | 5.8  |      |      |
| Power (b)                                      | Type (coaxial, linkage, etc.)             |   | Integral   |      |      |
|  | Make                                      |   | Chrysler   |      |      |
|  | Gear                                      | Type  | Recirculating ball                                   |      |      |
|  |   | Ratios  | 15.7:1   |      |      |
|  | Overall                                   |   | 19.12:1  |      |      |
|  | Pump driven by                            |   | Belt from crankshaft pulley                          |      |      |
|  | No. wheel turns (stop to stop)            |   | 3.5  |      |      |
| Linkage (c)                                    | Type                                      |   | Parallelogram, trailing, equal length tie rods       |      |      |
|  | Location (front or rear of wheels, other) |   | Rear   |      |      |
|  | Drag link (trans. or longit.)             |   | Transverse center link                               |      |      |
|  | Tie rods (one or two)                     |   | Two  |      |      |
| Steering Axis                                  | Inclination at camber (deg.)              |   | 9.0° @ 0°  |      |      |
|  | Bearings (type)                           | Upper   | Ball joint   |      |      |
|  |   | Lower   | Ball joint   |      |      |
|  |   | Thrust  | Oil impregnated sintered metal                       |      |      |
| Whl. Align. (range at curb wt. & preferred)    | Caster (deg.)                             |   | Manual strg: -1/2° ± 9/16° Power strg: -1/2° ± 9/16° |      |      |
|  | Camber (deg.)                             |   | Left: +1/2° ± 1/4° Right: +1/4° ± 1/4°               |      |      |
|  | Toe-in (outside track inches)             |   | 1/8" ± 1/32"   |      |      |
| Steering spindle & joint type                  |   | Ball joint  |  |      |      |
| Wheel Spindle                                  | Diameter                                  | Inner bearing                                       | 1.2494   |      |      |
|  |   | Outer bearing                                       | 0.7494   |      |      |
|  | Thread size                               |   | 3/4-16 UNF-3A  |      |      |
|  | Bearing type                              |   | Roller   |      |      |

- (a) Check lubricant level in steering gear twice a year. If necessary, replenish with Multipurpose Gear Oil, SAE 90, to cover worm completely.
- (b) Check reservoir fluid level twice a year. Replenish to bottom of filler neck (cold) with power steering fluid part number 2084329.
- (c) Inspect tie rod ends and ball joints twice a year. Lubricate every 36,000 miles with long-life chassis grease part number 2525035.

# AMA Specifications—Passenger Car

|                                    |                               |                                   |                                     |
|------------------------------------|-------------------------------|-----------------------------------|-------------------------------------|
| <b>MAKE OF CAR</b> <u>CHRYSLER</u> | <b>MODEL YEAR</b> <u>1969</u> | <b>DATE ISSUED</b> <u>9-11-68</u> | <b>REVISED</b> <sup>(*)</sup>       |
|                                    |                               | Except 45, 46                     | All                                 |
| <b>MODEL</b>                       | 383, 2-V                      | 383, 4-V                          | 440    440 Hi-Perf    All<br>45, 46 |

## SUSPENSION – GENERAL

(See Supplement page for details on Air Suspension)

|                                    |  |          |
|------------------------------------|--|----------|
| Provision for car leveling         | Manual adjustment at torsion bar anchor bolt               |          |
| Provision for brake dip control    | By inclined upper control arms & asymmetrical rear springs |          |
| Provision for acc. squat control   | Asymmetrical rear springs                                  |          |
| Special provisions for car jacking | None   |          |
| Shock absorber front & rear        | Type   | Direct   |
|                                    | Make   | Chrysler |
|                                    | Piston dia.  | 1.0      |
| Other special features             | None   |          |

## SUSPENSION – FRONT (a)

|                      |   |                      |           |           |
|----------------------|---|----------------------|-----------|-----------|
| Type and description | Independent, lateral, non-parallel control arms and torsion bar springs |                      |           |           |
| Spring               | Type  | Torsion bar          |           |           |
|                      | Material  | Chromium alloy steel |           |           |
|                      | Size (coil design height & I.D. bar length x dia.)                      | 47 x 0.96            | 47 x 0.98 | 47 x 0.96 |
|                      | Spring rate (lb. per in.)   | NA                   |           |           |
|                      | Rate at wheel (lb. per in.)   | 113                  |           |           |
| Stabilizer           | Type (link, linkless, frameless)  | Link                 |           |           |
|                      | Material & bar diameter   | Std 0.92             |           |           |

## SUSPENSION – REAR(b)

|                                |   |                           |       |       |
|--------------------------------|---|---------------------------|-------|-------|
| Type and description           | Parallel, longitudinal leaf   |                           |       |       |
| Drive and torque taken through | Rear springs  |                           |       |       |
| Spring                         | Type  | Semielliptic asymmetrical |       |       |
|                                | Material  | Chromium alloy steel      |       |       |
|                                | Size (length x width, coil design height & I.D.; bar length & dia.) | 62" x 2-1/2"              |       |       |
|                                | Spring rate (lb. per in.)   | 90                        | 120   | 125   |
|                                | Rate at wheel (lb. per in.)   | 110                       | 138   | 147   |
|                                | Mounting insulation type  | Rubber                    |       |       |
|                                | If leaf   | No. of leaves<br>4-1/2    | 5-1/2 | 6-1/2 |
| Stabilizer                     | Type (link, linkless, frameless)                                    | Compression               |       |       |
|                                | Material  | None                      |       |       |
| Track bar type                 | None  |                           |       |       |

- (a) Inspect front suspension ball joints twice a year. Replace damaged joints or seals. Lubricate every 3 years or 36,000 miles. Multimileage Lubricant Part Number 2525035 is recommended.
- (b) Do not lubricate rear springs, spring eye or shackle bushings, or shock absorber bushings. Lubricants cause deterioration of the bushings.

# AMA Specifications—Passenger Car

|                             |                        |    |                            |    |   |      |                    |   |   |   |   |
|-----------------------------|------------------------|----|----------------------------|----|---|------|--------------------|---|---|---|---|
| <b>MAKE OF CAR</b> CHRYSLER | <b>MODEL YEAR</b> 1969 |    | <b>DATE ISSUED</b> 9-12-68 |    |   |      | <b>REVISED</b> (e) |   |   |   |   |
|                             | 23                     | 27 | 41                         | 43 |   | 45   | 46                 |   |   |   |   |
| <b>MODEL</b>                | E, H, M                | L  | E                          | M  | E | L, H | E                  | L | M | H | P |

|   |                   |
|---|-------------------|
| <b>FRAME</b>  | Unit construction |
| Type and description (Separate frame, unitized frame, partially - unitized frame) |                   |

### BODY – MISCELLANEOUS INFORMATION

|  |             |  |    |      |    |      |       |      |    |      |  |
|--|-------------|--|----|------|----|------|-------|------|----|------|--|
| Drs. hinged (front, rr.)   | Front doors | Front  |    |      |    |      |       |      |    |      |  |
|  | Rear doors  | --   |    |      |    |      | Front |      |    |      |  |
| Type of finish (lacquer, enamel, other)                                    |             | Buffable acrylic enamel  |    |      |    |      |       |      |    |      |  |
| Hood counterbalanced (yes, no)   |             | Yes  |    |      |    |      |       |      |    |      |  |
| Hood release control (internal, external)                                  |             | External   |    |      |    |      |       |      |    |      |  |
| Vehicle Ident. No. location  |             | Left end instrument panel  |    |      |    |      |       |      |    |      |  |
| Engine No. location  |             | Not applicable   |    |      |    |      |       |      |    |      |  |
| Theft protection - type  |             | Pin tumbler key locks on ignition switch, doors, luggage compartment |    |      |    |      |       |      |    |      |  |
| Vent window control method (crank, friction pivot)                         | Front       | Crank  |    |      |    |      |       |      |    |      |  |
|  | Rear        | None   |    |      |    |      |       |      |    |      |  |
| Seat cushion type  | Front       | FW   | ZZ | FW   | ZZ | FW   |       | ZZ   | FW |      |  |
|  | Rear        | FW   |    |      |    |      |       |      |    | ZZ   |  |
|  | 3rd seat    | --   |    |      |    |      |       |      |    |      |  |
| Seat back type   | Front       | C(a)   | ZZ | C    | ZZ | FW   | C     | FW   | C  |      |  |
|  | Rear        | --   |    |      |    |      |       |      |    | C    |  |
|  | 3rd seat    | --   |    |      |    |      |       |      |    |      |  |
| Windshield glass type (i.e., single curved - laminated plate)              |             | Single curved laminated plate  |    |      |    |      |       |      |    |      |  |
| Side glass type (i.e., curved - tempered plate)                            |             | Curved heat treated safety sheet                                     |    |      |    |      |       |      |    |      |  |
| Backlight glass type (i.e., compound curved - tempered plate, three piece) |             | Single curved heat treated safety sheet                              |    |      |    |      |       |      |    |      |  |
| Windshield glass exposed surface area                                      |             | 1317   |    | 1464 |    | 1317 |       | 1464 |    |      |  |
| Side glass exposed surface area  |             | 1197 (b)   |    | 1171 |    | 1413 |       | 1433 |    | 2993 |  |
| Backlight glass exposed surface area                                       |             | 1033   |    | 893  |    | 1508 |       | 1502 |    | 870  |  |
| Total glass exposed surface area   |             | 3547 (c)   |    | 3381 |    | 4385 |       | 4252 |    | 5327 |  |

- (a) M23: zigzag  
 (b) With AC: 1286  
 (c) With AC: 3636

- FW: Formed wire  
 ZZ: Zigzag  
 C: Coil

# AMA Specifications—Passenger Car

**MAKE OF CAR** CHRYSLER      **MODEL YEAR** 1969      **DATE ISSUED** 9-12-68      **REVISED** <sup>(a)</sup> 3-18-69

|              |         |                |     |            |                  |
|--------------|---------|----------------|-----|------------|------------------|
| <b>MODEL</b> | Newport | Newport Custom | 300 | New Yorker | Town and Country |
|--------------|---------|----------------|-----|------------|------------------|

## CONVENIENCE EQUIPMENT

(Indicate whether standard, optional or NA on each series)

|  |                       |   |  |            |              |
|--|-----------------------|---|--|------------|--------------|
| Power windows                                      | Side windows          | Optional  |  |            |              |
|  | Vent windows          | Optional  |  |            |              |
|  | Backlight or tailgate | NA  |  | Standard   |              |
| Power seats (specify type as well as availability) |                       | 6-way optional  |  |            |              |
| Reclining front seat back (R-L or both)            |                       | Optional  |  | R-only std |              |
| Front seat head restrainer (R-L or both)           |                       | Optional - both   |  |            |              |
| Radios (specify type as well as availability)      |                       | Optional: AM push button; AM push button w/tape; AM-FM search tune; AM-FM stereo w/tape |  |            |              |
| Rear seat speaker                                  |                       | Optional  |  | NA         |              |
| Power antenna                                      |                       | Optional (with map lamp)  |  | Opt        |              |
| Clock  |                       | Optional  |  | Standard   | Optional     |
| Air conditioner (specify type and availability)    |                       | Optional: with or without automatic temperature control, integral heater                |  |            | Optional (a) |
| Speed warning device                               |                       | Included with speed control unit  |  |            |              |
| Speed control device                               |                       | Optional  |  |            |              |
| Ignition lock lamp                                 |                       | Standard  |  |            |              |
| Dome lamp  |                       | Standard except NA on convertible   |  |            |              |
| Glove compartment lamp                             |                       | Optional  |  | Standard   |              |
| Luggage compartment lamp                           |                       | Optional  |  | Standard   |              |
| Underhood lamp                                     |                       | Optional; dealer-installed  |  |            |              |
| Courtesy lamp & map lamp                           |                       | Optional  |  | Standard   |              |
| Map lamp   |                       | See above   |  |            |              |
| Auto. trans. quad. lamp                            |                       | Std w/auto. trans.  |  | Standard   |              |
| Cornering light lamp                               |                       | Optional  |  |            |              |
| Safeguard sentinel                                 |                       | Optional  |  |            |              |
| Auto. Head lamp o'mmer                             |                       | Optional  |  |            |              |
| Electric door locks                                |                       | Optional  |  |            |              |
| Shoulder belt                                      |                       | Std, front; Opt, rear, except NA convertible  |  |            |              |
| "Headlight On" buzzer                              |                       | Optional  |  |            |              |

## LAMP HEIGHT AND SPACING

|   |             |           |          |      |          |       |
|---|-------------|-----------|----------|------|----------|-------|
| Height above ground to center of bulb or marker | Headlamp    | Highest * |          |      |          |       |
|   |             | Lowest    |          |      |          |       |
|   | Tail        | Highest   | 24.6 (b) |      | 28.2     |       |
|   |             | Lowest    |          |      |          |       |
| Sidemarker                                      | Front       |           |          |      |          |       |
|   | Rear        |           |          |      |          |       |
| Distance from C/L of car to center of bulb      | Headlamp    | Inside    |          |      |          |       |
|   |             | Outside * |          |      |          |       |
|   | Tail        | Inside    |          |      |          |       |
|   |             | Outside   | 27.7     | 27.3 | 27.4 (c) | 35.98 |
|   | Directional | Front     |          |      |          |       |
| Rear  |             |           |          |      |          |       |

\* If single headlamps are used enter here.

- (a) Single or dual unit with or without automatic temperature control, with integral heater.
- (b) CM-27: 25.2
- (c) CH-23: 27.7



# AMA Specifications—Passenger Car

MAKE OF CAR CHRYSLER MODEL YEAR 1969 DATE ISSUED 9-12-68 REVISED (•) 3-18-69

## WEIGHTS

| Model                           | CURB WEIGHT * POUNDS |      |       | % PASS. WEIGHT DISTRIBUTION |      |               |      | LIQUID WEIGHT |         |
|---------------------------------|----------------------|------|-------|-----------------------------|------|---------------|------|---------------|---------|
|                                 | Front                | Rear | Total | Pass. In Front              |      | Pass. In Rear |      | Fuel          | Coolant |
|                                 |                      |      |       | Front                       | Rear | Front         | Rear |               |         |
| <b>Newport</b>                  |                      |      |       |                             |      |               |      |               |         |
| 2-Door Hardtop                  | 2230                 | 1840 | 4070  | 51.2                        | 48.8 | 24.5          | 75.5 | 146 lb        | 36 lb   |
| Convertible Coupe               | 2270                 | 1935 | 4205  | 51.2                        | 48.8 | 24.5          | 75.5 | 146           | 36      |
| 4-Door Sedan                    | 2240                 | 1880 | 4120  | 51.2                        | 48.8 | 20.4          | 79.6 | 146           | 36      |
| 4-Door Hardtop                  | 2255                 | 1890 | 4145  | 51.2                        | 48.8 | 20.4          | 79.6 | 146           | 36      |
| <b>Newport Custom</b>           |                      |      |       |                             |      |               |      |               |         |
| 2-Door Hardtop                  | 2225                 | 1845 | 4070  | 51.2                        | 48.8 | 24.5          | 75.5 | 146           | 36      |
| 4-Door Sedan                    | 2240                 | 1885 | 4125  | 51.2                        | 48.8 | 20.4          | 79.6 | 146           | 36      |
| 4-Door Hardtop                  | 2250                 | 1900 | 4150  | 51.2                        | 48.8 | 20.4          | 79.6 | 146           | 36      |
| <b>300</b>                      |                      |      |       |                             |      |               |      |               |         |
| 2-Door Hardtop                  | 2285                 | 1875 | 4160  | 51.2                        | 48.8 | 24.5          | 75.5 | 146           | 38      |
| Convertible Coupe               | 2325                 | 1965 | 4290  | 51.2                        | 48.8 | 24.5          | 75.5 | 146           | 38      |
| 4-Door Hardtop                  | 2305                 | 1935 | 4240  | 51.2                        | 48.8 | 20.4          | 79.6 | 146           | 38      |
| <b>New Yorker</b>               |                      |      |       |                             |      |               |      |               |         |
| 2-Door Hardtop                  | 2335                 | 1930 | 4265  | 51.2                        | 48.8 | 24.5          | 75.5 | 146           | 38      |
| 4-Door Sedan                    | 2355                 | 1975 | 4330  | 51.2                        | 48.8 | 20.4          | 79.6 | 146           | 38      |
| 4-Door Hardtop                  | 2365                 | 2000 | 4365  | 51.2                        | 48.8 | 20.4          | 79.6 | 146           | 38      |
| <b>Town &amp; Country Wagon</b> |                      |      |       |                             |      |               |      |               |         |
| 2-Seat, Station Wagon           | 2190                 | 2430 | 4620  | 50.4                        | 49.6 | 20.8          | 79.2 | 138           | 36      |
| 3-Seat, Station Wagon           | 2185                 | 2490 | 4675  | 50.4                        | 49.6 | 20.8          | 79.2 | 138           | 36      |

Note: Shipping weight may be calculated by subtracting the fuel and coolant weights in the last columns from the curb weights in the third column.

Note: All Curb Weights Include Automatic Transmission

| Accessories & Equipment Differential Weights |      |      |      | Remarks                                   |
|--|------|------|------|---|
| Air Conditioning                             | +124 | - 2  | +122 | 383 & 440 CID                             |
| Air Conditioning - Dual                      | +134 | +42  | +176 | Town & Country                            |
| 3-Speed Manual Trans.                        | + 10 | +11  | + 21 | 383 CID 1, 2-V                            |
| 383 CID 1, 4-V                               | + 23 | +27  | + 50 | Newport, & Newport Custom, Town & Country |
| 440 CID                                      | + 50 | +44  | + 94 | Newport & Newport Custom                  |
| 440 CID                                      | + 18 | +24  | + 42 | 300 & New Yorker                          |
| 440 CID                                      | + 46 | + 20 | + 66 | Town & Country                            |
| Power Steering                               | + 46 | - 2  | + 44 |   |
| Power Brakes                                 | + 6  | + 1  | + 7  |   |
| Power Windows                                | + 8  | + 9  | + 17 |   |
| Power Vent Windows                           | + 5  | + 2  | + 7  |   |
| Power Seat (Bench)                           | + 14 | +11  | + 25 |   |
| Roof Luggage Rack                            | + 4  | +13  | + 17 | Town & Country                            |
| Autopilot                                    | + 6  | 0    | + 6  |   |
| Radio  | + 6  | + 2  | + 8  |   |
| Undercoat                                    | + 13 | +24  | + 37 | Except Town & Country                     |
| Undercoat                                    | + 10 | +30  | + 40 | Town & Country                            |

\*Reference - SAE Aerospace-Automotive drawing standards, Section E 1.02 (d).

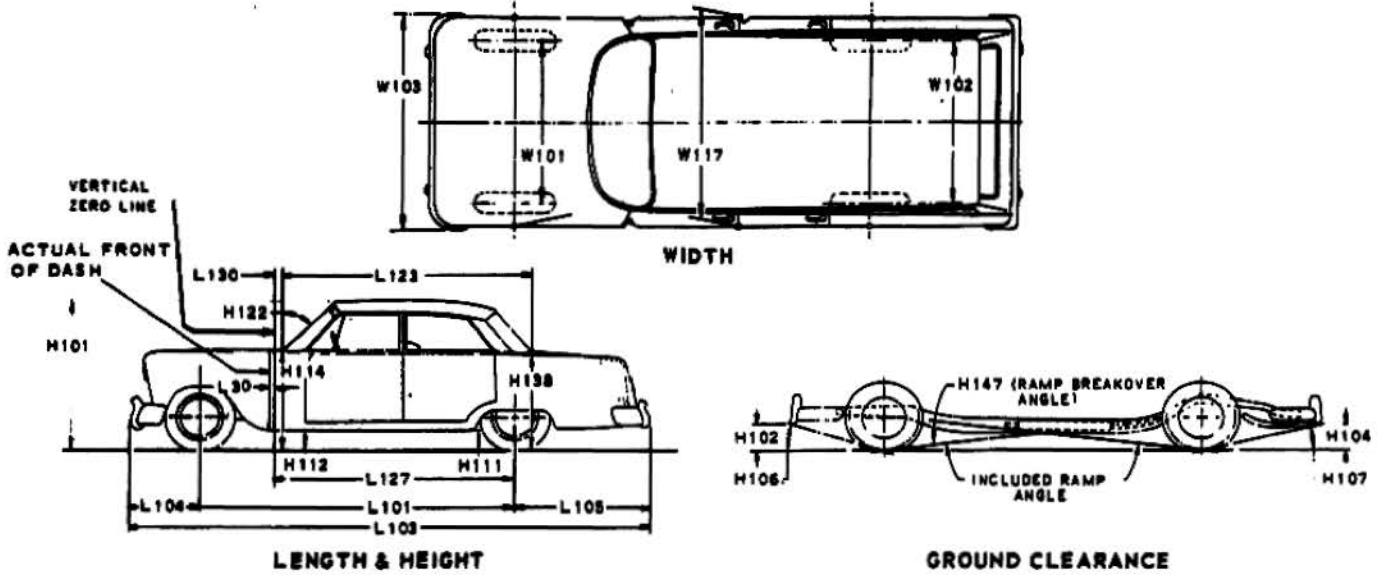


# AMA Specifications—Passenger Car

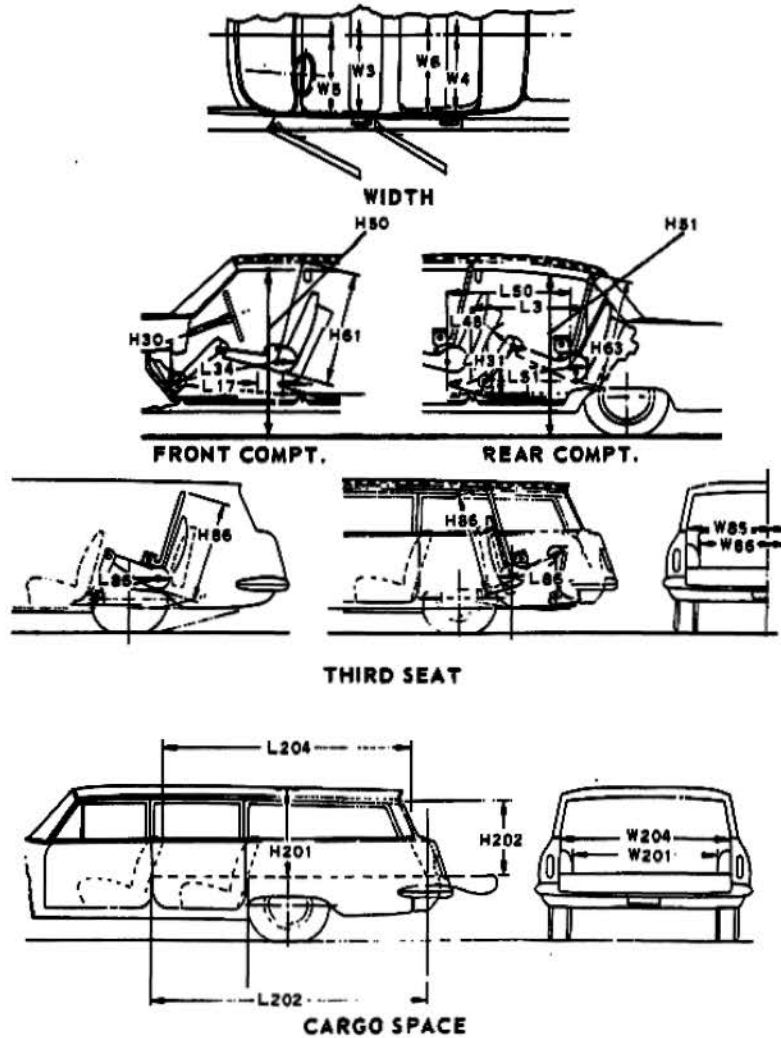
## CAR AND BODY DIMENSIONS

### KEY SHEET

#### EXTERIOR CAR AND BODY DIMENSIONS



#### INTERIOR CAR AND BODY DIMENSIONS



## CAR AND BODY DIMENSIONS

## KEY SHEET

## DIMENSION DEFINITIONS

## EXTERIOR WIDTH DIMENSIONS

- W101 WHEEL TREAD - FRONT. Measured at centerline of tires, with nominal camber, at ground.
- W102 WHEEL TREAD - REAR. Measured at centerline of tires at ground.
- W103 MAXIMUM OVERALL CAR WIDTH. Include bumpers, moldings, or sheet metal protrusions. Measured to outside of metal.
- W117 MAXIMUM BODY WIDTH AT #2 PILLAR. Measured across body at #2 pillar, excluding hardware and applied moldings.

## EXTERIOR LENGTH DIMENSIONS

- L 30 VERTICAL ZERO LINE TO ACTUAL FRONT OF DASH. If actual Front of Dash is to the rear of Body Zero Line, it is identified by a minus (-) sign.
- L101 WHEELBASE.
- L103 OVERALL LENGTH. Include bumper guards if standard equipment.
- L104 OVERHANG - FRONT. Measured from C/L of front wheels to front of car, including bumper guards if standard equipment.
- L105 OVERHANG - REAR. Measured from C/L of rear wheels to rear of car, including bumper guards if standard equipment.
- L123 BODY UPPER STRUCTURE LENGTH AT CAR CENTERLINE. The horizontal dimension from the Cowl Point to the Deck Point.
- L127 VERTICAL ZERO LINE TO CENTERLINE OF REAR WHEELS. A horizontal dimension.
- L130 VERTICAL ZERO LINE TO WINDSHIELD COWL POINT. The horizontal dimension from the vertical zero line to the theoretical intersection of extended windshield glass plane and normal cowl surface.

## EXTERIOR HEIGHT DIMENSIONS

- H101 OVERALL HEIGHT - DESIGN. Measured with the vehicle in Manufacturer's Design Weight attitude.
- H114 COWL POINT TO GROUND. Measured at vehicle centerline.
- H138 DECK POINT TO GROUND. Measured at vehicle centerline.
- H112 ROCKER PANEL TO GROUND - FRONT. The vertical dimension from ground to bottom of rocker panel, excluding flanges. Measured to the outside of sheet metal at foremost point of rocker panel.
- H111 ROCKER PANEL TO GROUND - REAR. The vertical dimension from ground to bottom of rocker panel, excluding flanges. Measured to the outside of sheet metal at front of rear wheel opening.
- H122 WINDSHIELD SLOPE ANGLE. The angle between a vertical line and the windshield surface at car centerline. On compound-curved windshields the chord of the arc is used and limited to that section of the windshield comprehended by an 18-inch chord.

## GROUND CLEARANCE DIMENSIONS

- H102 BUMPER TO GROUND - FRONT. Minimum dimension, includes bumper guards.
- H104 BUMPER TO GROUND - REAR. Minimum dimension, includes bumper guards.
- H106 ANGLE OF APPROACH. The angle between ground and a line tangent to the front tire static loaded radius arc and the first point of interference, i.e., bumper, guard, gravel deflector, fender or other component, excluding license plate. This dimension may be determined graphically for reporting purposes.
- H107 ANGLE OF DEPARTURE. The angle between ground and a line tangent to the rear tire static loaded radius arc and the first point of interference, i.e., bumper, guard, gravel deflector, tail pipe, fender or other component, excluding license plate. This dimension may be determined graphically for reporting purposes.
- H147 RAMP BREAKOVER ANGLE. The supplement of included ramp angle (180° minus included ramp angle) over which car can pass without interference; measured with car sitting on a level surface, using lines tangent to arcs of front and rear static loaded radii and intersecting at point on underside of car which defines the smallest angle.
- H156 MINIMUM RUNNING GROUND CLEARANCE. Location of measurement on the car is to be clearly recorded.

## FRONT COMPARTMENT DIMENSIONS

- H 61 EFFECTIVE HEAD ROOM - FRONT. The dimension from H Point to the headlining, plus a constant of 4.0 inches, measured along a line 8° to rear of vertical.
- L 34 MAXIMUM EFFECTIVE LEG ROOM - ACCELERATOR. Measured along a diagonal line from the Manikin ankle pivot center to the H Point plus a constant of 10.0 inches. For treadle type accelerator pedals, the leg room is measured with the Manikin's right foot on the accelerator pedal and the Manikin Heel Point at Accelerator Heel Point. All other types of accelerator pedals will be measured with the Manikin foot angle set at 87° and the shoe touching the pedal.
- H 30 H POINT TO HEEL POINT - FRONT. The vertical dimension from the H Point to the Accelerator Heel Point.
- L 17 H POINT TRAVEL. The horizontal dimension between the H Point in the most forward and rearward seat positions.

## FRONT COMPARTMENT DIMENSIONS (Cont.)

- W 3 SHOULDER ROOM - FRONT. The minimum lateral dimensions between the door garnish moldings or nearest interference, measured at the H Point station.
- W 5 HIP ROOM - FRONT. The lateral dimension through the H Point to trimmed body surfaces. Depress loose side wall cloth to trim foundation or other obstruction if such construction exists.
- H 50 UPPER BODY OPENING TO GROUND - FRONT. The vertical dimension from a point on the trimmed body opening to the ground, measured at the H Point station.

## REAR COMPARTMENT DIMENSIONS

- L 50 H POINT COUPLE DISTANCE. The horizontal dimension from the front seat H Point to the rear seat H Point.
- H 63 EFFECTIVE HEAD ROOM - REAR. The dimension from the H Point to the headlining, plus a constant of 4.0 inches, measured along a line 8° to rear of vertical.
- L 51 MINIMUM EFFECTIVE LEG ROOM - REAR. Measured along a diagonal line from the ankle pivot center to the H Point plus a constant of 10.0 inches, with the foot positioned to the nearest interference between the seat structure and toe, instep or lower leg.
- H 31 H POINT TO HEEL POINT - REAR. The vertical dimension from the H Point to the Manikin Heel Point on the depressed floor covering.
- L 48 MINIMUM KNEE ROOM - REAR. The minimum dimension from the Manikin knee pivot center to the back of the front seat back.
- L 3 REAR COMPARTMENT ROOM. The horizontal dimension from the back of front seat to front of rear seat back at height tangent to the top of rear seat cushion.
- W 4 SHOULDER ROOM - REAR. The minimum lateral dimension between the door garnish molding or nearest interference. Measured at H Point station.
- W 6 HIP ROOM - REAR. The lateral dimension through H Point to trimmed body surfaces. Depress loose side wall cloth to trim foundation or other obstruction when such construction exists.
- H 51 UPPER BODY OPENING TO GROUND - REAR. The vertical dimension from a point on the trimmed body opening to the ground, measured 13.0 inches forward of the H Point.

## LUGGAGE COMPARTMENT DIMENSIONS

- V 1 LUGGAGE CAPACITY - USABLE. The total luggage compartment luggage capacity in cubic feet with the tire and tools in place.
- H195 LIFTOVER HEIGHT. Vertical dimension from the highest point on the luggage compartment lower opening to ground, excluding corner radii.

## STATION WAGON - THIRD SEAT DIMENSIONS

- W 85 SHOULDER ROOM - THIRD SEAT. The minimum lateral dimension between the door garnish moldings or nearest interference. Measured at H Point station.
- W 86 HIP ROOM - THIRD SEAT. The lateral dimension through H Point to trimmed surfaces.
- L 86 EFFECTIVE LEG ROOM - THIRD SEAT. Measured along a diagonal line from ankle pivot center to H Point plus a constant of 10.0 inches. With rear-facing third seat, foot is positioned in foot well or to nearest interference with rear end or rear closure.
- H 86 EFFECTIVE HEAD ROOM - THIRD SEAT. The dimension from H Point to the headlining, plus a constant of 4.0 inches. Measured along a line 8° to rear of vertical.

## STATION WAGON - CARGO SPACE DIMENSIONS

- L202 CARGO LENGTH AT FLOOR - FRONT SEAT. The horizontal dimension, measured at the floor level from the rear of the front seat back to the normal inside limiting interference on the tailgate, on the car centerline.
- L204 CARGO LENGTH AT BELT - FRONT SEAT. The horizontal dimension measured from the top rear of front seat back to a vertical extension line from the normal inside limiting interference at the top of the tailgate, on the car centerline.
- W201 CARGO WIDTH - WHEELHOUSE. The minimum horizontal dimension, measured between wheelhousings at floor level.
- W204 OPENING WIDTH AT BELT. The minimum horizontal dimension, measured between the nearest normal inside limiting interferences of the rear opening at the top of the tailgate.
- H201 MAXIMUM CARGO HEIGHT. The maximum vertical dimension, measured from the top of the floor covering to the headlining, on the car centerline.
- H202 REAR OPENING HEIGHT. The vertical dimension measured from the top of the floor covering to the normal inside limiting interference at the top of the rear opening, on the car centerline, with both tail-and liftgates fully open.
- V 2 CARGO VOLUME INDEX BEHIND FRONT SEAT. The total volume in cubic feet above the normal load floor and behind the front seat with the liftgate and tailgate closed.

W4xL204xH201

1728

## INDEX

| SUBJECT                                 | PAGE NO.   | SUBJECT                                   | PAGE NO.             |
|---|------------|---|----------------------|
| Automatic Transmission.....             | 16         | Kingpin (Steering Axis).....              | 20                   |
| Axis, Steering.....                     | 20         | Lamp height and spacing.....              | 23                   |
| Axle, Rear.....                         | 17         | Legroom.....                              | 2                    |
| Battery.....                            | 12         | Lengths - Car and Body.....               | 1                    |
| Bearings, Engine.....                   | 5, 6, 7    | Lifters, valve.....                       | 6                    |
| Belts - Fan, Generator, Water Pump..... | 11         | Linings - Clutch, Brake.....              | 14, 19               |
| Brakes - Parking, Service Power.....    | 18, 19     | Lubrication.....                          | 7, 8, 14, 15, 16, 17 |
| Camber.....                             | 20         | Luggage Compartment.....                  | 2                    |
| Camshaft.....                           | 6          | Motor, Starting.....                      | 12                   |
| Capacities                              |            | Muffler.....                              | 8                    |
| Cooling System.....                     | 11         | Overdrive.....                            | 15                   |
| Fuel Tank.....                          | 10         | Piston Pins & Rings.....                  | 4, 5                 |
| Lubricants                              |            | Pistons.....                              | 4, 5                 |
| Engine Crankcase.....                   | 8          | Power Brakes.....                         | 19                   |
| Transmission and Overdrive.....         | 15, 16     | Power Steering.....                       | 20                   |
| Rear Axle.....                          | 17         | Power Teams.....                          | 3                    |
| Car and Body Dimensions                 |            | Propeller Shaft, Universal Joints.....    | 16, 17               |
| Width.....                              | 1          | Pumps - Oil, Fuel.....                    | 8, 10                |
| Length.....                             | 1          | Water.....                                | 11                   |
| Height.....                             | 1          | Radiator, Hoses.....                      | 11                   |
| Ground Clearance.....                   | 1          | Ratios - Axle.....                        | 3, 17                |
| Front Compartment.....                  | 2          | Compression.....                          | 3, 4                 |
| Rear Compartment.....                   | 2          | Steering.....                             | 20                   |
| Luggage Compartment.....                | 2          | Transmission.....                         | 15, 16               |
| Station Wagon - Third Seat.....         | 2          | Rear Axle.....                            | 3, 17                |
| Station Wagon - Cargo Space.....        | 2          | Regulator - Generator.....                | 12                   |
| Carburetor.....                         | 3, 9, 10   | Rims.....                                 | 18                   |
| Caster.....                             | 20         | Rings, Piston.....                        | 5                    |
| Choke, Automatic.....                   | 10         | Rods - Connecting.....                    | 5                    |
| Clutch - Pedal Operated.....            | 14         | Shock Absorbers, Front & Rear.....        | 21                   |
| Coil, Ignition.....                     | 13         | Spark Plugs.....                          | 13                   |
| Connecting Rods.....                    | 5          | Speedometer.....                          | 14                   |
| Convenience Equipment.....              | 23         | Springs - Front & Rear Suspension.....    | 21                   |
| Cooling System.....                     | 11         | Valve, Engine.....                        | 6                    |
| Crankcase Ventilation System.....       | 8          | Stabilizer (Sway Bar) - Front & Rear..... | 21                   |
| Crankshaft.....                         | 6          | Starting System.....                      | 12                   |
| Cylinders and Cylinder Head.....        | 4          | Steering.....                             | 20                   |
| Dimension Definitions                   |            | Supply System.....                        | 12                   |
| Key Sheet.....                          | 25         | Suppression - Ignition, Radio.....        | 13                   |
| Exterior & Interior.....                | 26         | Suspension - Front & Rear.....            | 21                   |
| Distributor - Ignition.....             | 13         | Tail Pipe.....                            | 8                    |
| Electrical System.....                  | 12, 13, 14 | Thermostat, Cooling.....                  | 11                   |
| Engine                                  |            | Timing, Engine & Valve.....               | 6, 7, 13             |
| Bore, Stroke, Displacement, Type.....   | 4          | Tires.....                                | 18                   |
| Compression Ratio.....                  | 4          | Toe in.....                               | 20                   |
| Firing Order, Cylinder Numbering.....   | 4          | Torque Converter.....                     | 16                   |
| General Information, H.P. & Torque..... | 4          | Torque - Engine, Rated.....               | 3, 4                 |
| Lubrication.....                        | 7, 8       | Transmission - Types.....                 | 3, 10, 15, 16        |
| Power Teams.....                        | 3          | Automatic.....                            | 3, 10, 15, 16        |
| Exhaust Emission Control.....           | 9          | Manual & Overdrive.....                   | 3, 10, 15            |
| Exhaust System.....                     | 8          | Ratios.....                               | 15, 16               |
| Equipment Availability.....             | 22         | Track.....                                | 1                    |
| Fan, Cooling.....                       | 11         | Trunk Luggage Capacity.....               | 2                    |
| Filters - Engine Oil, Fuel System.....  | 8, 10      | Turning Diameter.....                     | 20                   |
| Frame.....                              | 22         | Unitized Construction.....                | 22                   |
| Front Suspension.....                   | 21         | Universal Joints, Propeller Shaft.....    | 16, 17               |
| Fuel, Fuel Pump, Fuel System.....       | 4, 10      | Valves - Intake & Exhaust.....            | 6, 7                 |
| Fuel Injection.....                     | 10         | Vibration Damper.....                     | 6                    |
| Generator and Regulator.....            | 12         | Voltage Regulator.....                    | 12                   |
| Glass.....                              | 22         | Water Pump.....                           | 11                   |
| Height (Lamps).....                     | 14         | Weights.....                              | 24                   |
| Headroom - Body.....                    | 2          | Wheel Alignment.....                      | 20                   |
| Heights - Car and Body.....             | 1          | Wheelbase.....                            | 1                    |
| Horns.....                              | 14         | Wheels & Tires.....                       | 18                   |
| Horsepower - Brake.....                 | 3, 4       | Wheel Spindle.....                        | 20                   |
| Ignition System.....                    | 13         | Widths - Car and Body.....                | 1                    |
| Inflation - Tires.....                  | 18         | Windshield.....                           | 22                   |
| Instruments.....                        | 14         | Windshield Wiper.....                     | 14                   |