

IMPERIAL and CHRYSLER

1970

SERVICE MANUAL

FOREWORD

This Imperial and Chrysler Service Manual has been prepared with the latest service information available for use on 1970 models. Diagnosis, disassembly, repair, assembly and installation procedures coupled with complete specifications and tightening references can be found in each group. This publication is one of the most important "tools" available to the service technician. It will prove an invaluable aid in properly performing any phase of service necessary to maintain or restore the fine performance and reliability characteristics designed, engineered, and manufactured into these outstanding automobiles.

IMPERIAL MODELS

CROWN
LE BARON

CHRYSLER MODELS

CHRYSLER NEWPORT
NEWPORT CUSTOM
300
NEW YORKER
TOWN and COUNTRY

For information relative to ordering the special service tools used and illustrated in this manual, or for additional copies of this manual, please refer to the instructions on inside back cover of this manual.



Chrysler Corporation reserves the right to make changes in design or to make additions to or improvements in its products without imposing any obligations upon itself to install them on its products previously manufactured.

Litho in U. S. A.

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2 INTRODUCTION AND GENERAL SPECIFICATIONS

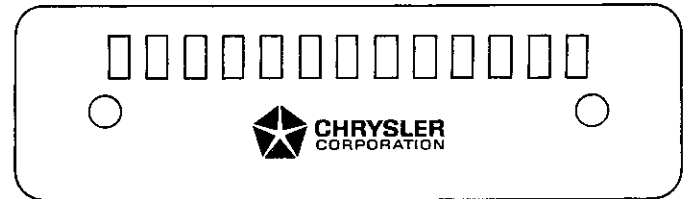
VEHICLE AND ENGINE NUMBERS

VEHICLE NUMBER: The vehicle number (serial number) is located on a plate (Fig. 1) which is attached to the instrument panel between the left windshield wiper pivot and the left "A" post. It can easily be seen by looking through the windshield from the outside.

All vehicle numbers contain thirteen digits. The vehicle number is a code which tells the carline (1st digit), price class (2nd digit), body type (3rd and 4th digit), engine displacement (5th digit), model year (6th digit), assembly plant (7th digit), and vehicle sequence number (last six digits).

This vehicle number is also stamped on the engine

block pad located just to the rear of the right engine mount on the pan rail.



VEHICLE IDENTIFICATION NUMBER PLATE
INSTRUMENT PANEL LOCATED NR464

Fig. 1—Vehicle Identification Number Plate

1st Digit Carline	2nd Digit Price Class	3rd & 4th Digits Body Type	5th Digit Eng. Displacement Cu. In.	6th Digit Model Year	7th Digit Assembly Plant
C-Chrysler Y-Imperial	E-Economy L-Low M-Medium H-High P-Premium	23-2 Dr. Hardtop 27-Convertible 41-4 Dr. Sedan 43-4 Dr. Hardtop 45-2 Seat Station Wagon 46-3 Seat Station Wagon	L-383 N-383 H/Perf. T-440 U-440 H/Perf. Z-Spec. Ord. 8	0-1970	C-Jefferson F-Newark

ENGINE NUMBERS: All engine serial numbers contain fourteen characters and digits. The first two designate power train, the next three are the cubic inch displacement, the next one designates low compression, the next four are based on a 10,000 day calendar and the last four designate engine built that day. All 383 and 440 cubic inch engines have the serial numbers stamped on the cylinder block pan rail at the left rear corner below the starter opening.

On all engines, information identifying undersized crankshaft, oversized tappets, low compression, oversized cylinder bores, engine built that day, the shift and 10,000 day calendar is stamped on the cylinder block at various locations depending on engine. There can be as many as fifteen characters and digits at this location. 383 cubic inch engines are stamped on the right bank joint face just forward of the number 2 cylinder bore. 440 cubic inch engines are stamped on the left bank pad, adjacent to front tappet rail. For additional information on engines, see Group 9 in this manual.

BODY CODE PLATE: Includes schedule date, body type code, engine code, transmission code, tire code,

trim code and paint codes (Fig. 2).

It is located on the left front fender side shield or wheel housing.

TIRE PRESSURE: A decal showing the recommended tire pressure is located on the body pillar at the rear of the left front door opening ("B" post). For additional information on tires see Group 22 of this manual.

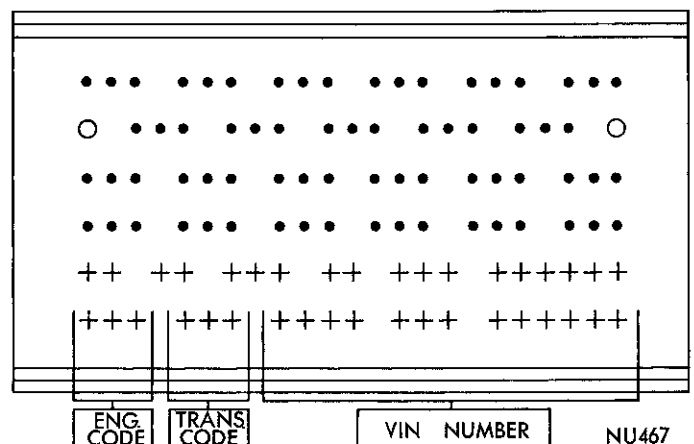


Fig. 2—Body Equipment Identification Plate

GENERAL DATA AND SPECIFICATIONS

Body Styles		Chrysler	Chrysler	Chrysler	Imperial
Two Door Hardtop Convertible		Newport, Custom Newport	300 300	New Yorker	Crown, LeBaron
Four Door Sedan		Newport, Custom		New Yorker	
Four Door Hardtop		Newport, Custom	300	New Yorker	Crown, LeBaron
Station Wagon (2 seat) (3 seat)		Town and Country Town and Country			
Wheelbase	All Models Except— Town and Country Town and Country	123.5" 121.5"	123.5"	123.5"	126.5"
Tread (Front)		62.1"	62.1"	62.1"	62.4"
Tread (Rear)		60.7"	60.7"	60.7"	61.1"
Length with Bumper	All Models Except— Town and Country Town and Country	224.6" 219.5"	224.6"	224.6"	229.7"
Width with Bumper		79.1"	79.1"	79.1"	79.1"

4 INTRODUCTION AND GENERAL SPECIFICATIONS △

CAPACITY CONVERSION TABLE

U.S.	Imperial	U.S.	Imperial	U.S.	Imperial
1/4	1/4	7	5 3/4	15	12 1/2
1/2	3/8	7 1/4	6	15 1/2	13
3/4	5/8	7 1/2	6 1/4	16	13 1/4
		7 3/4	6 1/2	16 1/2	13 3/4
1	3/4			16 3/4	14
1 1/4	1	8	6 3/4		
1 1/2	1 1/4	8 1/4	6 3/4	17	14 1/4
1 3/4	1 1/2	8 1/2	7	17 1/2	14 1/2
		8 3/4	7 1/4	18	15
2	1 3/4	9	7 1/2	18 1/2	15 1/2
2 1/4	1 3/4	9 1/4	7 3/4	19	15 3/4
2 1/2	2	9 1/2	8	19 1/2	16 1/4
2 3/4	2 1/4	9 3/4	8	20	16 3/4
				20 1/2	17
3	2 1/2	10	8 1/4		
3 1/4	2 3/4	10 1/4	8 1/2	21	17 1/2
3 1/2	3	10 1/2	8 3/4	21 1/2	18
3 3/4	3	10 3/4	9	22	18 1/4
				22 1/2	18 3/4
4	3 1/4	11	9 1/4	23	19 1/4
4 1/4	3 1/2	11 1/4	9 1/4	23 1/2	19 1/2
4 1/2	3 3/4	11 1/2	9 1/2	24	20
4 3/4	4	11 3/4	9 3/4	24 1/2	20 1/2
5	4 1/4	12	10	25	20 3/4
5 1/4	4 1/4	12 1/4	10 1/4	25 1/2	21 1/4
5 1/2	4 1/2	12 1/2	10 1/2	26	21 3/4
5 3/4	4 3/4	12 3/4	10 1/2	26 1/2	22
				27	22 1/2
6	5	13	10 3/4	27 1/2	23
6 1/4	5 1/4	13 1/2	11 1/4	28	23 1/4
6 1/2	5 1/2	14	11 3/4	29	24 1/4
6 3/4	5 1/2	14 1/2	12	30	25

CAPACITY CONVERSION—U.S. GALLONS TO LITERS

Gallons	1	2	3	4	5	0
	Liters	Liters	Liters	Liters	Liters	Liters
0	00.0000	3.7853	7.5707	11.3560	15.1413	18.9267
10	37.8533	41.6387	45.4240	49.2093	52.9947	56.7800
20	75.7066	79.4920	83.2773	87.0626	90.8480	94.6333
30	113.5600	117.3453	121.1306	124.9160	128.7013	132.4866
40	151.4133	155.1986	158.9840	162.7693	166.5546	170.3400