

QUICK REFERENCE INDEX To use, bend manual back to expose black spots on pages of the various sections. Then, by means of the index arrows on this page, locate the corresponding black spots on the first page of the section you desire to find.

1962 Imperial and Chrysler SERVICE MANUAL

MODELS

SC-1 (NEWPORT) SC-2 (300)
SC-3 (NEW YORKER) SY-1 (IMPERIAL)

This Service Manual is compiled as a reference and guide to provide the Imperial and Chrysler Service Technicians with the proper adjustments and repair procedures for servicing the 1962 Imperial and Chrysler Vehicles. Supplementary Service Bulletins issued from time to time and an understanding of the material compiled herein, will assist the service personnel to maintain the quality standards built into the Imperial and Chrysler Vehicles.

In order to use the Service Manual to the best advantage, the corresponding or superseding vehicle models must be understood. The superseding of these models is as follows:

CHRYSLER MODELS

	1962		1961
Newport	SC-1	Newport	RC-1
300*	SC-2	Windsor	RC-2
New Yorker	SC-3	New Yorker	RC-3
*C-300H	SC-2-300H	C-300G	RC-4

IMPERIAL MODELS

Custom, Crown, LeBaron	SY-1	RY-1
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The service tools referred to in this Manual are available through the Miller Manufacturing Company, 17640 Grand River Avenue, Detroit 27, Michigan, U.S.A. unless otherwise specified.

Extra copies of this Manual are available at \$5.00 each, plus any local taxes, under Part Number 81-070-2072. Order from Chrysler-Plymouth Division, P.O. Box 1658, Detroit 31, Michigan.

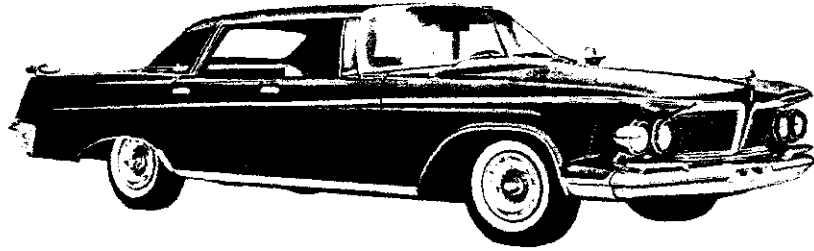
CHRYSLER-PLYMOUTH DIVISION

Chrysler Corporation
DETROIT 31, MICHIGAN

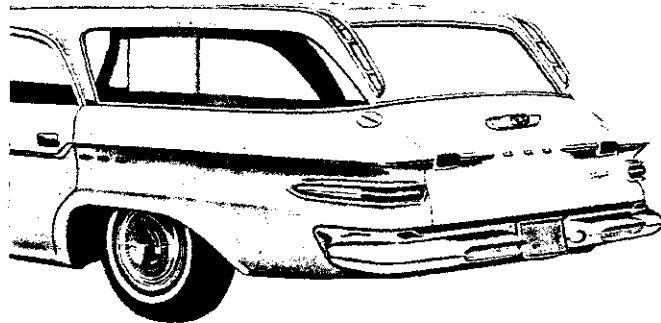
Chrysler Corporation reserves the right to make changes in design or to make additions to or improvements in its product without imposing any obligations upon itself to install them on its products previously manufactured.

GROUP INDEX

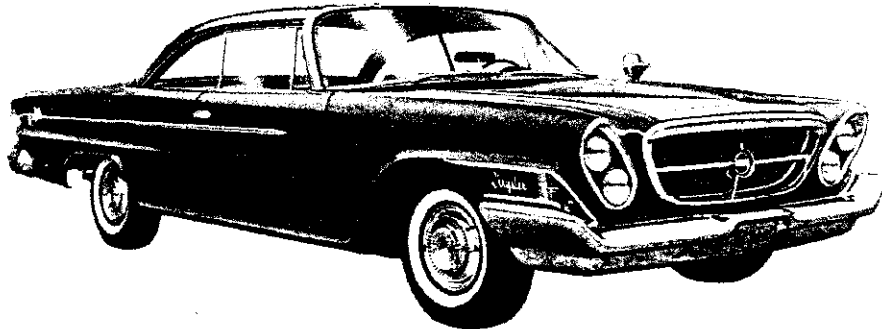
Group	Title
	Introduction and General Specifications
0	Lubrication and Maintenance
1	Accessories (Radios, Heaters, Mirrors)
2	Front Suspension
3	Rear Axle
4	Parking Brakes
5	Service Brakes
6	Clutch
7	Cooling System
7A	Accessory Belt Drives
8	Electrical and Instruments
9	Engine
10	Engine Oiling System
11	Exhaust System
13	Frame
14	Fuel System (Pump, Carburetor, Tank)
16	Propeller Shaft and Universal Joints
17	Springs and Shock Absorbers
19	Steering Gear (Pumps, Steering Gear Arm, Idler Arm)
21	Transmission (Torque Converter)
22	Wheels, Bearings and Tires
23	Body and Sheet Metal
24	Air-Conditioning



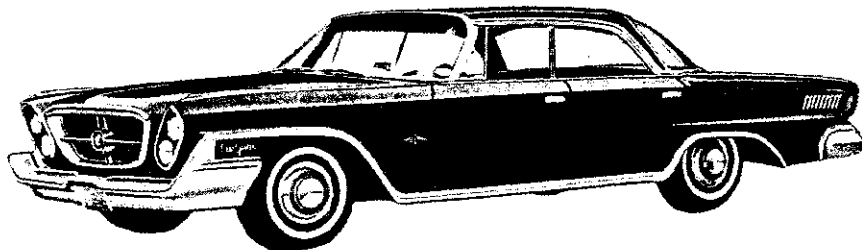
SY-1 LE BARON 4-DOOR SOUTHAMPTON



SC-1 NEWPORT TOWN AND COUNTRY WAGON



SC-2 300 2-DOOR HARDTOP



SC-3 NEW YORKER 4-DOOR HARDTOP

FACTORY CONTACT

The following outline of the proper procedure to use in obtaining assistance or advice on any matter applying to Service will insure your inquires receiving prompt attention and handling. Make certain those members of your organization who might have the occasion to contact the factory, are thoroughly familiar with this procedure.

Do not withhold action on any matter pending contact by a Service Representative as his scheduled contact may be delayed by special assignments. When in doubt as to the proper procedure to follow in the handling of a claim or complaint, prompt results can be obtained through a letter, telegram or phone call to your Regional Service Office—making certain to include all necessary information. If the aid of a Service Representative is necessary, the Regional Office will arrange for his contact as promptly as circumstances permit.

Letters or telegrams to the Regional Service Office, or to the car division concerned, should be confined to one subject only and should include the following information:

Car Serial Number	Owner's Name
Date of Sale	Mileage

Complete description of difficulty, corrective action taken, your recommendations as to what should be done and the reason for so doing.

Include Paint and Trim Code Numbers where finish, upholstery, body or sheet metal is involved, and estimate of net cost of repairs.

CHRYSLER-PLYMOUTH DIVISION

With the exception of orders for parts or parts literature, all requests for Chrysler and Imperial Service literature such as Service Bulletins, Service Manuals, Owner Manuals, Time Schedules, W.S.C's or other Chrysler and Imperial Service literature, should be addressed to:

(Letters)

Chrysler Corporation
Chrysler - Plymouth Division
Service Department
P.O. Box 1658
Detroit 31, Michigan

(Telegrams)

Chrysler - Plymouth Division
Attention,
(Name of person to whom sent)
WUX
Detroit, Michigan

(Phone) VALley 2-4700

NOTE: Please make certain to include the Code WUX on all telegrams to the Chrysler - Plymouth Division as this insures delivery direct to our Teleprint Room thus eliminating delay.

MASTER TECHNICIANS SERVICE CONFERENCE

All correspondence concerning enrollment in the M.T.S.C. Program, changes in enrollment records (the adding or dropping of personnel), issuance of awards, status of enrolled personnel, orders for additional material, the return of questionnaires, or any other matters relating to this program should be addressed to:

Master Technician Service Conference
Chrysler Corporation Training Center
Service Development and Training Office
P.O. Box 2119
Detroit 31, Michigan
(Phone) JEFFerson 9-3000

PARTS DIVISION**General**

ALL orders for parts or accessories, emergency or otherwise, should be forwarded direct to your usual source of supply or to the parts plant listed below serving the area in which you are located.

To insure your receiving the parts required by you more promptly, close attention should be given to the procedure listed under "Ordering Information" and "Your Parts Orders" in the introductory front part of all MoPar Parts Lists. Particularly where parts are ordered for a specific car, it is very essential that your order include the car serial and engine numbers, and in the case of body parts, the body number.

CENTER LINE, MICHIGAN**Mail Address:**

Center Line Parts Plant
Chrysler Motors Corporation
P.O. Box 779
Detroit 31, Michigan
Telephone—Detroit
Jefferson 9-3000

SAN LEANDRO, CALIFORNIA**Mail Address:**

San Leandro Parts Plant
Chrysler Motors Corporation
1950 Davis Street
San Leandro, California
Telephone—San Leandro
Neptune 8-6200

ATLANTA, GEORGIA**Mail Address:**

Atlanta Parts Plant
Chrysler Motors Corporation
1150 Murphy Avenue, S.W.
P.O. Box 10786
Atlanta 10, Georgia
Telephone—Atlanta
Plaza 5-2531.

MARYSVILLE, MICHIGAN**Mail Address:**

Marysville Parts Plant
Chrysler Motors Corporation
P.O. Box 722
Port Huron, Michigan
Telephone—Port Huron
Yukon 2-8561

NEWARK, DELAWARE**Mail Address:**

Delaware Parts Plant
Chrysler Motors Corporation
South College Avenue
P.O. Box 120
Newark, Delaware
Telephone—Newark
Endicott 8-2521

KANSAS CITY, KANSAS**Mail Address:**

Kansas City Parts Plant
Chrysler Motors Corporation
Funston & Chrysler Roads
Kansas City 15, Kansas
Telephone—Kansas City, Kansas
Fairfax 1-3300

Parts Division Literature

Request for Parts Division literature such as Parts Books, Parts Price Lists, Parts Bulletins, etc., should be forwarded direct to:

Chrysler Corporation, Parts Division
P.O. Box 1718
Detroit 31, Michigan
Attention: Parts Catalog Department

Shortage of Accessories or Other Equipment on New Cars

Before placing an order for missing accessories, other parts or equipment, on new cars received, examine the vehicle for the presence of a "back order" notice, which if present, will be found attached to the bracket for the inside rear view mirror. Such back-ordered short items will be shipped from the assembly plant as soon as stock is available, and should not be ordered from the Parts Division.

Emergency Orders

Where a part required for an "Emergency" is not readily available from your usual parts source, an order plainly marked "Emergency Order" and including complete details on the need for the materials, should be placed with the above parts plant serving the area in which you are located. Orders so marked and which are, in the opinion of the Parts Division, for a bona fide immediate emergency need, will receive emergency handling. **Emergency orders should not be forwarded to the Division Service Department.**

Should the occasion arise that the part required is not available at the plant ordered from, you will be notified that the part is on back-order. In the meantime, your order will continue to receive emergency handling by the Parts Division with shipment being made as promptly as it is available.

LICENSE DATA

The following revised method of numbering vehicles and their engines will be used on the 1962 Models.

This revision will provide the Sales Department with the information desired as to model, year built and the serial number.

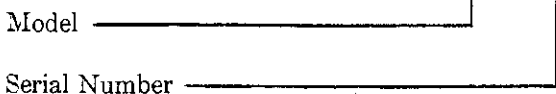
The starting vehicle number will be as follows:

CHRYSLER MODELS

Newport.....	SC-1 81-23100001
Newport (Town and Country)...	SC-1 85-23100001
300.....	SC-2 82-23100001
New Yorker.....	SC-3 83-23100001
New Yorker (Town and Country)...	SC-3 87-23100001
Chrysler 300H.....	SC-2-300H 84-23100001

IMPERIAL MODELS

Custom.....	SY-1 91-23100001
Crown.....	SY-1 92-23100001
LeBaron.....	SY-1 93-23100001



The starting engine numbers will be as follows:

CHRYSLER

Newport.....	S-36-8-7
300.....	S-38-8-7
New Yorker.....	S-41-8-7
Chrysler 300H.....	S-41-8-7
IMPERIAL.....	S-41-8-7

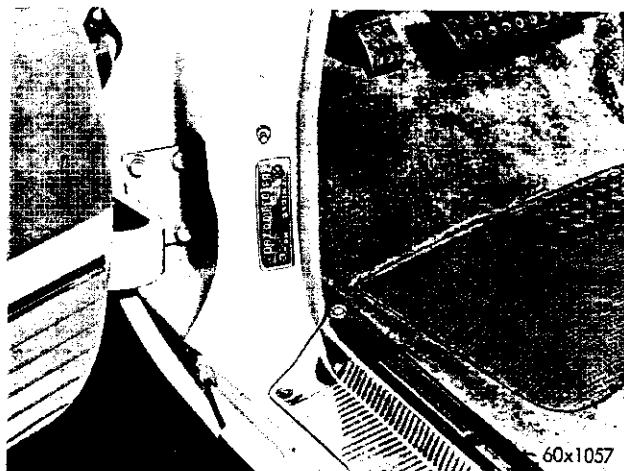


Fig. 2—Vehicle Number

The vehicle number is stamped on a metal plate attached to the left front door body hinge pillar, as shown in Figure 2.

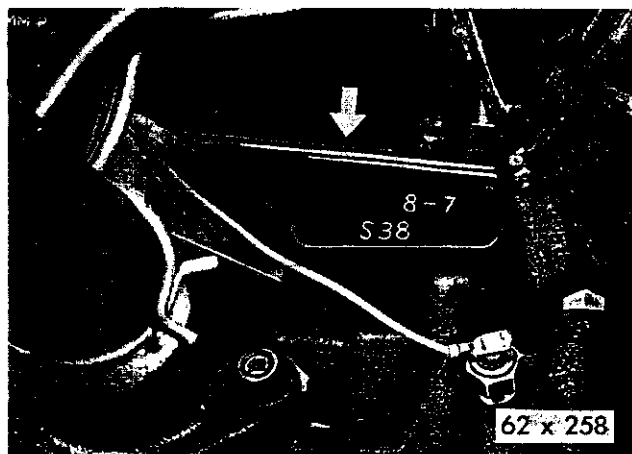


Fig. 3—Engine Number

The engine number is stamped on a boss on the top side of the cylinder block just back of the water pump, as shown in Figure 3.

GENERAL DATA AND SPECIFICATIONS

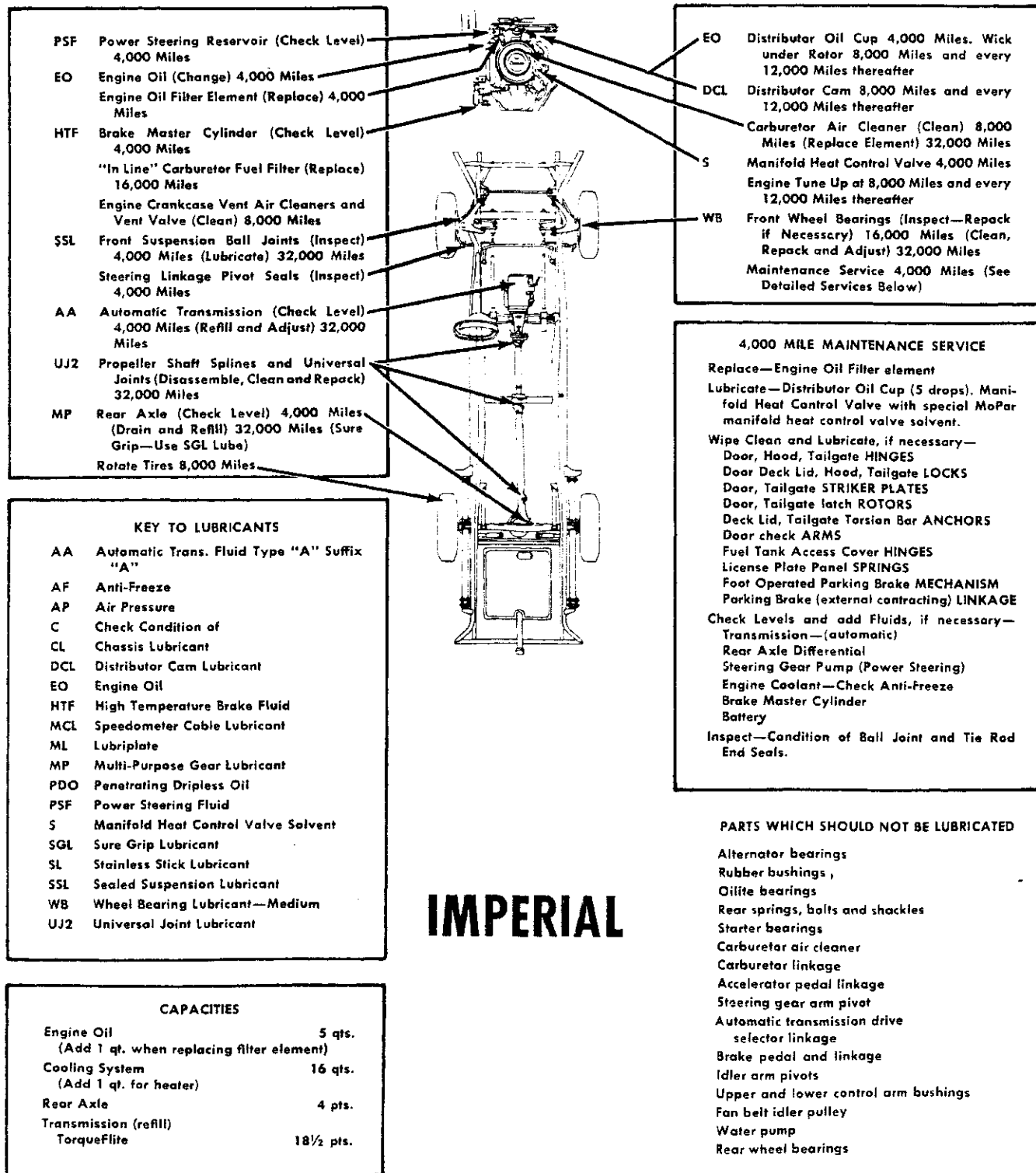
Item	Body Style	Starting Vehicle Numbers		1962 Models	
		SC-1	SC-2	SC-3	SY-1
	Four Door Sedan	81-23100001	Newport		
	Town and Country	85-23100001	Newport		
	Four Door Hard Top	82-23100001		300	
	Two Door Hard Top	84-23100001		C-300H	
	Four Door Sedan	83-23100001			New Yorker
	Town and Country	87-23100001			New Yorker
	Four Door Sedan	91-23100001			Imp. Custom
	Four Door Sedan	92-23100001			Imp. Crown
	Four Door Sedan	93-23100001			Imp. LeBaron
Wheelbase	Four Door Sedan	122	—	126	—
	Convertible Coupe	122	122	—	129
	Two Door (hard top)	122	122	—	129
	Town & Country	122	—	126	—
	Four Door (hard top)	122	122	126	129
Tread (Front)	Four Door Sedan	60.9	—	60.9	—
	Convertible Coupe	60.9	60.9*	—	61.7
	Two Door (hard top)	60.9	60.9*	—	61.7
	Town & Country	60.8	—	61.1	—
	Four Door (hard top)	60.9	60.9*	60.9	61.7
Tread (Rear)	Four Door Sedan	59.7	—	59.7	—
	Convertible Coupe	59.7	59.7†	—	62.2
	Two Door (hard top)	59.7	59.7†	—	62.2
	Town & Country	59.7	—	60.0	—
	Four Door (hard top)	59.7	59.7†	59.7	62.2
Length with Bumper	Four Door Sedan	214.9	—	219.3	—
	Convertible Coupe	214.9	214.9	—	227.1
	Two Door (hard top)	214.9	214.9	—	227.1
	Town & Country	216.4	—	220.4	—
	Four Door (hard top)	214.9	214.9	209.3	227.1
Width with Bumper	Four Door Sedan	79.4	—	79.4	—
	Convertible Coupe	79.4	79.4	—	81.7
	Two Door (hard top)	79.4	79.4	—	81.7
	Town & Country	79.4	—	79.4	—
	Four Door (hard top)	79.4	79.4	79.4	81.7
Rear Axle with Torque- Flite Trans.	Four Door Sedan	2.93	—	2.93	—
	Convertible Coupe	2.93	3.23	—	2.93
	Two Door (hard top)	2.93	3.23	—	2.93
	Town & Country	2.93	—	2.93	—
	Four Door (hard top)	2.93	3.23	2.93	2.93
Tire Size	Four Door Sedan	8.00x14	—	8.50x14	—
	Convertible Coupe	8.00x14	8.00x14@	—	8.20x15
	Two Door (hard top)	8.00x14	8.00x14@	—	8.20x15
	Town & Country	8.50x14	—	9.00x14	—
	Four Door (hard top)	8.00x14	8.00x14@	8.50x14	8.20x15

* 61.1 with 7.60x15 Tires

† 60.0 with 7.60x15 Tires

@ 7.60x15 with 300-H Engine

LUBRICATION AND MAINTENANCE CHART



PSF Power Steering Reservoir (Check Level) 4,000 Miles

EO Engine Oil (Change) 4,000 Miles
Engine Oil Filter Element (Replace) 4,000 Miles

HTF Brake Master Cylinder (Check Level) 4,000 Miles
"In Line" Carburetor Fuel Filter (Replace) 16,000 Miles
Engine Crankcase Vent Air Cleaners and Vent Valve (Clean) 8,000 Miles

SSL Front Suspension Ball Joints (Inspect) 4,000 Miles (Lubricate) 32,000 Miles
Steering Linkage Pivot Seals (Inspect) 4,000 Miles

AA Automatic Transmission (Check Level) 4,000 Miles (Refill and Adjust) 32,000 Miles

UJ2 Propeller Shaft Splines and Universal Joints (Disassemble, Clean and Repack) 32,000 Miles

MP Rear Axle (Check Level) 4,000 Miles (Drain and Refill) 32,000 Miles (Sure Grip—Use SGL Lube)
Rotate Tires 8,000 Miles

EO Distributor Oil Cup 4,000 Miles. Wick under Rotor 8,000 Miles and every 12,000 Miles thereafter

DCL Distributor Cam 8,000 Miles and every 12,000 Miles thereafter

Carburetor Air Cleaner (Clean) 8,000 Miles (Replace Element) 32,000 Miles

S Manifold Heat Control Valve 4,000 Miles
Engine Tune Up at 8,000 Miles and every 12,000 Miles thereafter

WB Front Wheel Bearings (Inspect—Repack if Necessary) 16,000 Miles (Clean, Repack and Adjust) 32,000 Miles
Maintenance Service 4,000 Miles (See Detailed Services Below)

4,000 MILE MAINTENANCE SERVICE

Replace—Engine Oil Filter element

Lubricate—Distributor Oil Cup (5 drops). Manifold Heat Control Valve with special MoPar manifold heat control valve solvent.

Wipe Clean and Lubricate, if necessary—
Door, Hood, Tailgate HINGES
Door Deck Lid, Hood, Tailgate LOCKS
Door, Tailgate STRIKER PLATES
Door, Tailgate latch ROTORS
Deck Lid, Tailgate Torsion Bar ANCHORS
Door check ARMS
Fuel Tank Access Cover HINGES
License Plate Panel SPRINGS
Foot Operated Parking Brake MECHANISM
Parking Brake (external contracting) LINKAGE

Check Levels and add Fluids, if necessary—
Transmission—(automatic)
Rear Axle Differential
Steering Gear Pump (Power Steering)
Engine Coolant—Check Anti-Freeze
Brake Master Cylinder
Battery

Inspect—Condition of Ball Joint and Tie Rod End Seals.

KEY TO LUBRICANTS

AA Automatic Trans. Fluid Type "A" Suffix "A"

AF Anti-Freeze

AP Air Pressure

C Check Condition of

CL Chassis Lubricant

DCL Distributor Cam Lubricant

EO Engine Oil

HTF High Temperature Brake Fluid

MCL Speedometer Cable Lubricant

ML Lubriplate

MP Multi-Purpose Gear Lubricant

PDO Penetrating Dripless Oil

PSF Power Steering Fluid

S Manifold Heat Control Valve Solvent

SGL Sure Grip Lubricant

SL Stainless Stick Lubricant

SSL Sealed Suspension Lubricant

WB Wheel Bearing Lubricant—Medium

UJ2 Universal Joint Lubricant

CAPACITIES

Engine Oil 5 qts.
(Add 1 qt. when replacing filter element)

Cooling System 16 qts.
(Add 1 qt. for heater)

Rear Axle 4 pts.

Transmission (refill) 18½ pts.
TorqueFlite

PARTS WHICH SHOULD NOT BE LUBRICATED

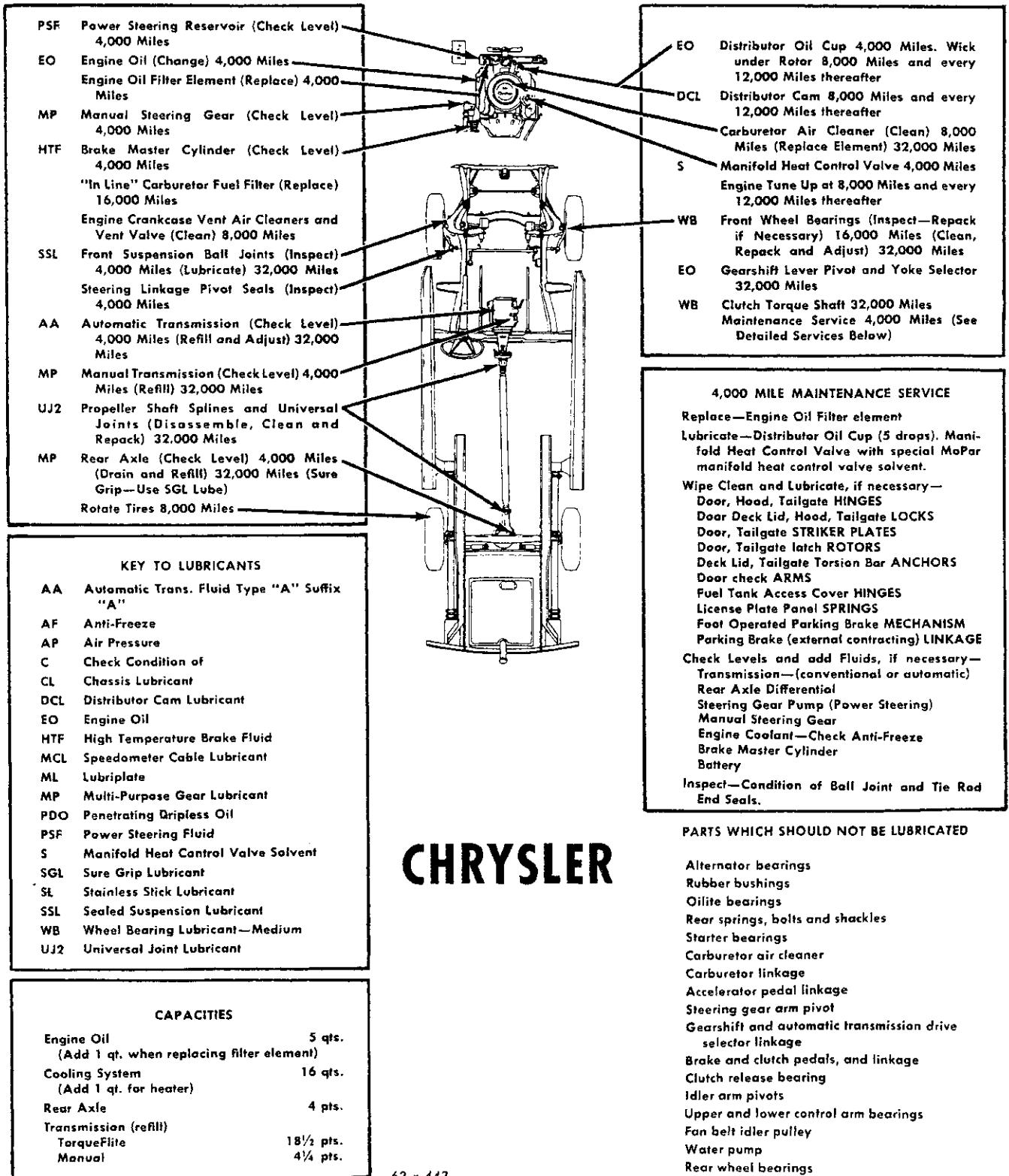
Alternator bearings
Rubber bushings,
Oilite bearings
Rear springs, bolts and shackles
Starter bearings
Carburetor air cleaner
Carburetor linkage
Accelerator pedal linkage
Steering gear arm pivot
Automatic transmission drive selector linkage
Brake pedal and linkage
Idler arm pivots
Upper and lower control arm bushings
Fan belt idler pulley
Water pump
Rear wheel bearings

IMPERIAL

62 x 444

Fig. 1—Imperial Lubrication Chart

LUBRICATION AND MAINTENANCE CHART



CHRYSLER

62 x 443

Fig. 2—Chrysler Lubrication Chart