

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.

Chrysler and Imperial Service Manual 1960 MODELS

PC-1 (WINDSOR) PC-2 (SARATOGA)
PC-3 (NEW YORKER) PY-1 (IMPERIAL)

This service Manual is compiled as a reference and guide to provide Chrysler and Imperial Service men with the proper adjustments and repair procedures for servicing the 1960 Chrysler and Imperial Cars. An understanding of the material compiled herein, and also supplementary service bulletins issued from time to time, will assist the service personnel to maintain the quality standards built into the Chrysler and Imperial Cars.

In order to use this Manual to best advantage the corresponding or superseding car models must be understood. The supersedence of these models is as follows:

CHRYSLER MODELS	1958	1959	1960
Windsor.....	LC-1	MC-1	PC-1
Saratoga.....	LC-2	MC-2	PC-2
New Yorker.....	LC-3	MC-3	PC-3
IMPERIAL MODELS	1958	1959	1960
Custom, Crown, and LeBaron.....	LY-1	MY-1	PY-1

The service tools referred to in this Manual are available through the Miller Manufacturing Company, 17638 Grand River Avenue, Detroit 27, Michigan, U.S.A. unless otherwise specified.

DeSoto Models PS-1 and PS-3 also appear in each Grouping of this Manual.

Extra copies of this manual are available at \$4.00 each, plus any local taxes, under Part Number 81-070-0026. Order from Chrysler and Imperial Division, P.O. Box 1658, Detroit 31, Michigan.

GROUP INDEX

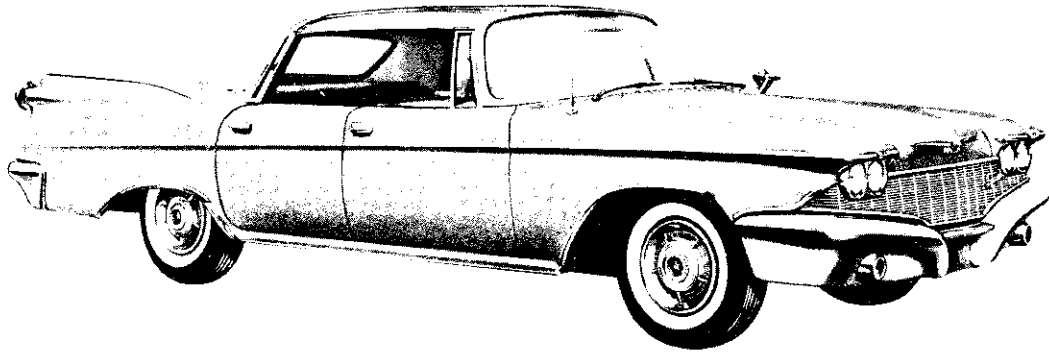
Group	Title
	Introduction and General Specifications
0	Lubrication and Maintenance
1	Accessories (Radios, Heaters, Mirrors)
2	Front Suspension
3	Rear Axle
4	Parking Brakes
5	Service Brakes
7	Cooling System
7A	Accessory Belt Drives
8	Electrical and Instruments
9	Engine
10	Engine Oiling System
11	Exhaust 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



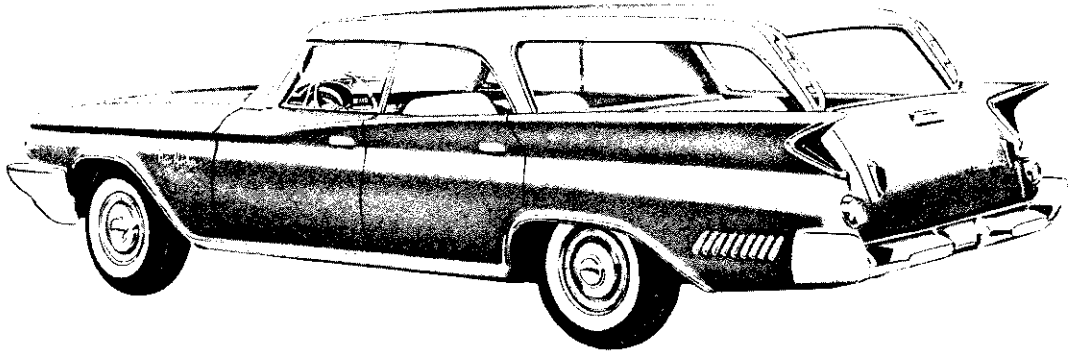
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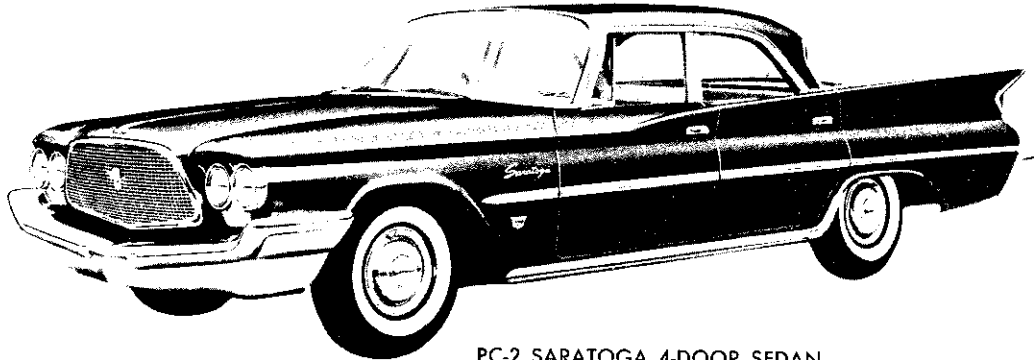
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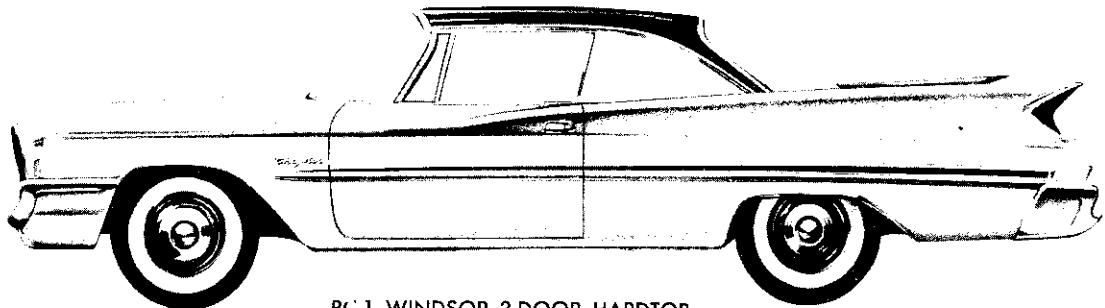
PY-1 LE BARON 4-DOOR SOUTHAMPTON



PC-3 NEW YORKER TOWN & COUNTRY WAGON



PC-2 SARATOGA 4-DOOR SEDAN



PC-1 WINDSOR 2-DOOR HARDTOP

60x883

1960 Chrysler and Imperial Models

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 inquiries 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 Service 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 AND IMPERIAL 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)	(Telegrams)
Chrysler Corporation	Chrysler and Imperial Division
Chrysler and Imperial Division	Attention,
Service Department	(Name of person to whom sent)
P.O. Box 1658	WUX
Detroit 31, Michigan	Detroit, Michigan

(Phone) VALley 2-4700

NOTE: Please make certain to include the code WUX on all telegrams to either the Chrysler and Imperial Division or Plymouth-De Soto-Valiant Division as this insures delivery direct to our Teleprint Room thus eliminating delay.

PLYMOUTH—DE SOTO—VALIANT DIVISION

With the exception of orders for parts or parts literature, all requests for Plymouth Service literature such as Service Bulletins, Service Manuals, Owner Manuals, Time Schedules, or other Plymouth Service literature, should be addressed to:

(Letters)	(Telegrams)
Chrysler Corporation	Plymouth-De Soto-Valiant Division
Plymouth-De Soto-Valiant Division	Attention,
Service Department	(Name of person to whom sent)
P.O. Box 1518	WUX
Detroit 31, Michigan	Detroit, Michigan

(Phone) WALnut 1-8240

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 pages 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
7000 E. Eleven Mile Road
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
Sweetwood 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 Advertising 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 material, **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 made in Detroit and Los Angeles production Plants will be used on the 1960 Models.

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

For Detroit built cars, the starting vehicle number will be as follows:

Windsor	PC-1	81-03100001
Windsor Town & Country	PC-1	85-03100001
Saratoga	PC-2	82-03100001
New Yorker	PC-3	83-03100001
New Yorker Town & Country	PC-3	87-03100001
Chrysler 300F	PC3-300	84-03100001
Imperial Custom	PY-1	91-04100026
Imperial Crown	PY-1	92-04100026
Imperial LeBaron	<u>PY-1</u>	<u>93-04100026</u>

Model _____
 Serial Number _____

For L. A. built cars, the starting vehicle will be as follows:

Windsor	PC-1	81-05100001
Saratoga	PC-2	82-05100001
New Yorker	PC-3	<u>83-05100001</u>

L. A. Identification _____

The starting engine numbers will be as follows:

Windsor	PR-38-8-4
Saratoga	PR-38-8-4
New Yorker	P -41-8-4
Chrysler 300F	P -41-8-4
Imperial	P -41-8-4



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.

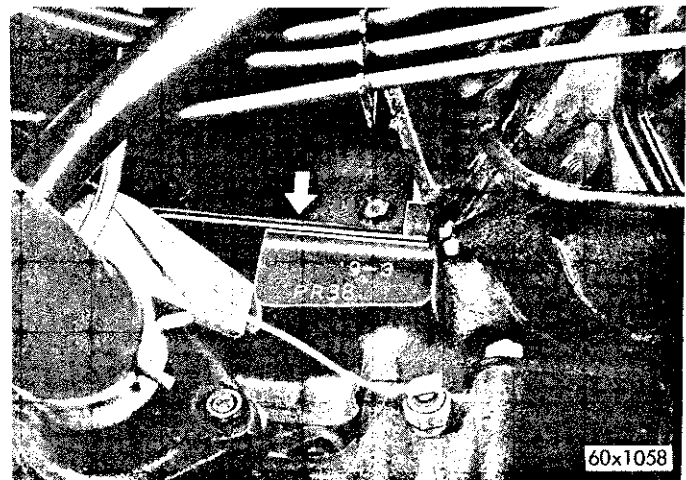


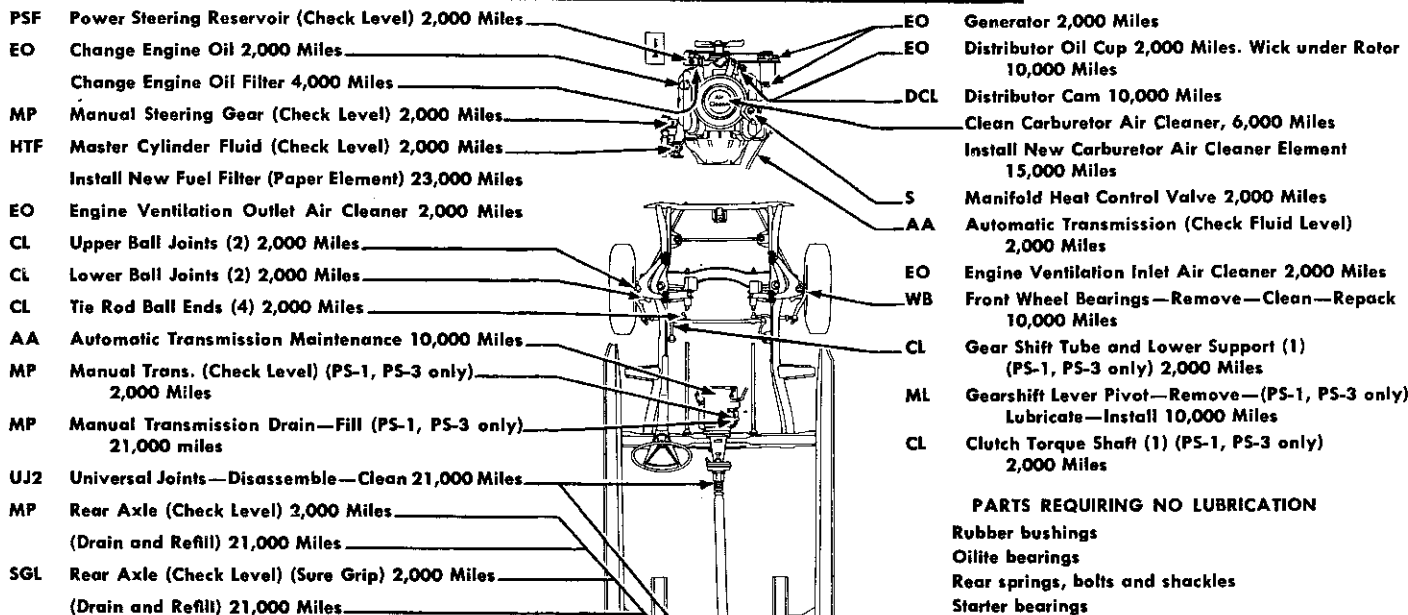
Fig. 3—Engine Number

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			1960 Models		
		Detroit	Los Angeles	PC-1	PC-2	PC-3	PY-1
	Four Door Sedan	81-03100001	81-05100001	Windsor			
	Town & Country	85-03100001					
	Four Door Sedan	82-03100001	82-05100001		Saratoga		
	Four Door Sedan	83-03100001	83-05100001			New Yorker	
	Town & Country	87-03100001					
	Four Door Sedan	91-04100026					Imp. Custom
	Four Door Sedan	92-04100026					Imp. Crown
	Four Door Sedan	93-04100026					Imp. LeBaron
Wheelbase	Four Door Sedan			122	126	126	129
	Convertible Coupe			122	—	126	129
	Two Door (hard top)			122	126	126	129
	Town & Country			122	—	126	—
	Four Door (hard top)			122	126	126	129
Tread (Front)	Four Door Sedan			61.0	61.0	61.2	61.8
	Convertible Coupe			61.0	—	61.2	61.8
	Two Door (hard top)			61.0	61.0	61.2	61.8
	Town & Country			61.0	—	61.2	—
	Four Door (hard top)			61.0	61.0	61.2	61.8
Tread (Rear)	Four Door Sedan			59.7	59.7	60.0	62.2
	Convertible Coupe			59.7	—	60.0	62.2
	Two Door (hard top)			59.7	59.7	60.0	62.2
	Town & Country			59.7	—	60.0	—
	Four Door (hard top)			59.7	59.7	60.0	62.2
Length with Bumper	Four Door Sedan			215.4	219.4	219.6	226.3
	Convertible Coupe			215.4	—	219.6	226.3
	Two Door (hard top)			215.4	219.4	219.6	226.3
	Town & Country			216.0	—	220.0	—
	Four Door (hard top)			215.4	219.4	220.0	226.3
Width with Bumper	Four Door Sedan			79.4	79.4	79.4	80.1
	Convertible Coupe			79.4	—	79.4	80.1
	Two Door (hard top)			79.4	79.4	79.4	80.1
	Town & Country			79.7	—	79.7	—
	Four Door (hard top)			79.4	79.4	79.4	80.1
Rear Axle with Torque-Flite Trans.	Four Door Sedan			2.93	2.93	2.93	2.93
	Convertible Coupe			2.93	—	2.93	2.93
	Two Door (hard top)			2.93	2.93	2.93	2.93
	Town & Country			2.93	—	2.93	—
	Four Door (hard top)			2.93	2.93	2.93	2.93
Tire Size	Four Door Sedan			8.00x14	8.50x14	9.00x14	8.20x15
	Convertible Coupe			8.00x14	—	9.00x14	8.20x15
	Two Door (hard top)			8.00x14	8.50x14	9.00x14	8.20x15
	Town & Country			8.50x14	—	9.00x14	—
	Four Door (hard top)			8.00x14	8.50x14	9.00x14	8.20x15

LUBRICATION CHART



- PSF Power Steering Reservoir (Check Level) 2,000 Miles
- EO Change Engine Oil 2,000 Miles
- Change Engine Oil Filter 4,000 Miles
- MP Manual Steering Gear (Check Level) 2,000 Miles
- HTF Master Cylinder Fluid (Check Level) 2,000 Miles
- Install New Fuel Filter (Paper Element) 23,000 Miles
- EO Engine Ventilation Outlet Air Cleaner 2,000 Miles
- CL Upper Ball Joints (2) 2,000 Miles
- CL Lower Ball Joints (2) 2,000 Miles
- CL Tie Rod Ball Ends (4) 2,000 Miles
- AA Automatic Transmission Maintenance 10,000 Miles
- MP Manual Trans. (Check Level) (PS-1, PS-3 only) 2,000 Miles
- MP Manual Transmission Drain—Fill (PS-1, PS-3 only) 21,000 miles
- UJ2 Universal Joints—Disassemble—Clean 21,000 Miles
- MP Rear Axle (Check Level) 2,000 Miles
- (Drain and Refill) 21,000 Miles
- SGL Rear Axle (Check Level) (Sure Grip) 2,000 Miles
- (Drain and Refill) 21,000 Miles

- EO Generator 2,000 Miles
- EO Distributor Oil Cup 2,000 Miles. Wick under Rotor 10,000 Miles
- DCL Distributor Cam 10,000 Miles
- Clean Carburetor Air Cleaner, 6,000 Miles
- Install New Carburetor Air Cleaner Element 15,000 Miles
- S Manifold Heat Control Valve 2,000 Miles
- AA Automatic Transmission (Check Fluid Level) 2,000 Miles
- EO Engine Ventilation Inlet Air Cleaner 2,000 Miles
- WB Front Wheel Bearings—Remove—Clean—Repack 10,000 Miles
- CL Gear Shift Tube and Lower Support (1) (PS-1, PS-3 only) 2,000 Miles
- ML Gearshift Lever Pivot—Remove—(PS-1, PS-3 only) Lubricate—Install 10,000 Miles
- CL Clutch Torque Shaft (1) (PS-1, PS-3 only) 2,000 Miles

PARTS REQUIRING NO LUBRICATION

- Rubber bushings
- Oilite bearings
- Rear springs, bolts and shackles
- Starter bearings
- Carburetor air cleaner
- Carburetor linkage
- Accelerator pedal linkage
- Steering gear arm pivot
- Gearshift and automatic transmission drive selector linkage
- Brake and clutch pedals, and linkage
- Clutch release bearing
- Idler arm pivots
- Upper and lower control arm bearings
- Fan belt idler pulley
- Water pump
- Rear wheel bearings

RECOMMENDED TIRE PRESSURES (COLD)		
	Front	Rear*
DE SOTO	22	22
CHRYSLER—Windsor PC-1	24	22*
SARATOGA PC-2		
NEW YORKER PC-3	22	22*

*TOWN AND COUNTRY:
 24 PSI (COLD) NORMAL LOAD
 28 PSI (COLD) HEAVY LOAD

NOTE: Cold tire pressures are listed above. Normal driving will cause a pressure build up of 2 to 3 pounds; fast driving 4 to 6 pounds. Never reduce (bleed) built-up pressure in tires since under-inflation will result when tires cool off. For sustained high speed driving, add 5 pounds pressure over the normal starting (cold) pressure.

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
RR	Rust Resistor
S	Manifold Heat Control Valve Solvent
SGL	Sure Grip Lubricant
SL	Stainless Stick Lubricant
WB	Wheel Bearing Lubricant—Medium
UJ2	Universal Joint Lubricant

CHRYSLER DE SOTO

ENGINE OIL RECOMMENDATIONS		
When adding or changing engine oil, use lubricants which have both the SAE designation and the MS Service Classification printed on the container. High quality, well refined engine oils usually have both classifications on the containers. Choice of brands should include the reputation of the refiner and marketer.		
Use oils for anticipated temperatures as follows:		
	Recommended Viscosity No.	Multi-Grade Options
Above +32°F.	SAE 30	SAE 20W-40 SAE 10W-30
Above +10°F.	SAE 20W	SAE 20W-40 SAE 10W-30
Above -10°F.	SAE 10W	SAE 10W-30 SAE 5W-20
Below -10°F.	SAE 5W	SAE 5W-20

CAPACITIES	
Engine Oil	5 qts.
(Add 1 qt. when replacing filter or element)	
Cooling System	16 qts.
(Add 1 qt. for heater)	
Rear Axle	3½ pts.
Transmission (refill)	
Torque Flite	21 pts.
Power Flite (De Soto only)	22 pts.
Manual (De Soto only)	2¾ pts.

LUBRICATION CHART

-
- PSF Power Steering Reservoir (Check Level) 2,000 Miles
 - EO Change Engine Oil 2,000 Miles
 - Change Engine Oil Filter 4,000 Miles
 - HTF Master Cylinder Fluid (Check Level) 2,000 Miles
 - Install New Fuel Filter 23,000 Miles
 - EO Engine Ventilation Outlet Air Cleaner 2,000 Miles
 - CL Upper Ball Joints (2) 2,000 Miles
 - CL Lower Ball Joints (2) 2,000 Miles
 - CL Tie Rod Ball Ends (4) 2,000 Miles
 - AA Automatic Transmission Maintenance 10,000 Miles
 - UJ2 Universal Joints—Disassemble—Clean—21,000 Miles
 - MP Rear Axle (Check Level) 2,000 Miles
 - (Drain and Refill) 21,000 Miles
 - SGL Rear Axle (Check Level) (Sure Grip) 2,000 Miles
 - (Drain and Refill) 21,000 Miles
 - EO Generator Oil Cup 2,000 Miles
 - EO Distributor Oil Cup 2,000 Miles. Wick under Rotor 10,000 Miles
 - DCL Distributor Cam 10,000 Miles
 - Clean Carburetor Air Cleaner 6,000 Miles
 - Install New Carburetor Air Cleaner Element 15,000 Miles
 - S Manifold Heat Control Valve 2,000 Miles
 - Part No. 1879318 MoPar Manifold Heat Control Valve Solvent
 - AA Automatic Transmission (Check Fluid Level) 2,000 Miles
 - EO Engine Ventilation Inlet Air Cleaner 2,000 Miles
 - WB Front Wheel Bearings—Remove—Clean—Repack 10,000 Miles

RECOMMENDED TIRE PRESSURES (COLD)

ALL MODELS

Front	Rear
24	24

NOTE: Cold tire pressures are listed above. Normal driving will cause a pressure build up of 2 to 3 pounds; fast driving 4 to 6 pounds. Never reduce (bleed) built-up pressure in tires since under-inflation will result when tires cool off. For sustained high speed driving, add 5 pounds pressure over the normal starting (cold) pressure.

PARTS REQUIRING NO LUBRICATION

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

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
- RR Rust Resistor
- S Manifold Heat Control Valve Solvent
- SGL Sure Grip Lubricant
- SL Stainless Stick Lubricant
- UJ2 Universal Joint Lubricant
- WB Wheel Bearing Lubricant—Medium

IMPERIAL

ENGINE OIL RECOMMENDATIONS

When adding or changing engine oil, use lubricants which have both the SAE designation and the MS Service Classification printed on the container. High quality, well refined engine oils usually have both classifications on the containers. Choice of brands should include the reputation of the refiner and marketer.

Use oils for anticipated temperatures as follows:

	Recommended Viscosity No.	Multi-Grade Options
Above +32°F.	SAE 30	SAE 20W-40 SAE 10W-30
Above +10°F.	SAE 20W	SAE 20W-40 SAE 10W-30
Above -10°F.	SAE 10W	SAE 10W-30
Below -10°F.	SAE 5W	SAE 5W-20 SAE 5W-20

CAPACITIES

Engine Oil	5 qts.
(Add 1 qt. when replacing filter or element)	
Cooling System	16 qts.
(Add 1 qt. for heater)	
Rear Axle	3½ pts.
Transmission (refill)	
Torque Flite	21 pts.