

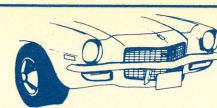


CAR CARE MANUAL

This Book Has Been Produced
By Motor Products Department, Sun Oil Company



CHEVROLET (1972)
Camaro, Camaro SS



HOW TO USE YOUR NEW SUNOCO CAR CARE MANUAL

This manual has been prepared for your convenience. It is easy-to-read and quick to work with, yet it contains all the necessary technical information to enable you to provide rapid and profitable service on all American and selected imported passenger cars. It has been prepared by the Sun Oil Company Car Care Division exclusively for use by Sunoco dealers.

TUNE-UP INFORMATION—Ignition system service specs at your fingertips . . . spark plug gap . . . distributor point dwell and gap . . . timing mark location and specifications . . . carburetor idle speed and mixture adjustments . . . firing order . . . cylinder numbering . . . plus many of those key "Tech Tips" that will help you do a better job faster.

LUBRICATION—Number of Lube points and where they are located.

CAPACITIES—The capacities of engine crankcase . . . automatic transmission . . . rear axles . . . cooling systems . . . and the recommended Sunoco products that exceed manufacturers requirements.

TBA Replacement Specifications—All the information you need to know to replace batteries . . . cables . . . fuses . . . lamps . . . spark plugs . . . thermostats . . . filters . . . PCV valves . . . caps . . . and wiper blades with recommended Sunoco Part Numbers.

TIRES—Tire pressures and tire sizes.

WHEEL ALIGNMENT—Wheel alignment specifications for caster . . . camber . . . and toe-in.

LUBRICATION

- Upper Ball Joints 2
- Lower Ball Joints 2
- Steering Linkage 7
- Total Fittings 11
- (Sunoco Prestige Grease)

CAPACITIES
(Approximate. Always check actual level carefully)

ENGINE CRANKCASE (Add one quart with filter replacement)

- 6-Cyl. V-8 4 quarts
- Sunoco Special 10W-40 (Meets all test specs for SE service as required by car manufacturers)

TRANSMISSION—MANUAL

- 3-speed 3 pts.
- 4-speed 3 pts.
- Sunoco Multi-Purpose Lubricant GL-5

TRANSMISSION—Automatic*

- 6 Cyl. & 307 V-8 (2-sp.) 6 pts.
- V-8 307, 350 2-BBL (3-sp.) 5 pts.
- V-8 350 (2-28), 402 (3-sp.) 8 pts.

REAR AXLE: 4-1/4 pts.
Sunoco Multi-Purpose Lubricant GL-5 for topping only*

COOLING SYSTEM (W/Heater)*

- 6 Cyl. 12 qts.
- V-8 307 15 qts.
- 350 16 qts.
- 402 24 qts.

GASOLINE TANK: 18
All

WHEEL ALIGNMENT

- Caster 0° ± 1°
- Toe-In 1/16" to 5/16"

TUNE-UP

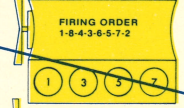
SPARK PLUGS

SPARK PLUG GAP: .035"

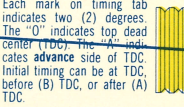
DISTRIBUTOR

DWELL: 30°
V-8 except* 30°
V-8 402* 29°
POINT GAP: .019

CAUTION:
If necessary to remove distributor for service, mark distributor body, rotor, and cylinder block with reference to number 1 cylinder. Align marks during re-installation. V-8 distributor involved with engine lubricating system, and original positioning must be maintained.



Ignition Timing Mark Location: Vibration Damper and Front Engine Cover



INITIAL IGNITION TIMING

ENGINE	MANUAL TRANS @ RPM	AUTO TRANS @ RPM
6 Cyl. (250)	4° BTDC 700	4° BTDC 600
V-8 (307)	4° BTDC 900	8° BTDC 900
V-8 (350, 2-Bbl)	4° BTDC 900	6° BTDC 900
V-8 (350, 4-Bbl)	4° BTDC 800	8° BTDC 600
V-8 (350, 2-28)	8° BTDC 900	12° BTDC 700
V-8 (402)	8° BTDC 800	8° BTDC 600

Procedure: 1. Disconnect hose from distributor vacuum control unit.
2. Set parking brake, start engine, and run at idle speed.
3. Aim operational timing light at timing marks.
4. If necessary, loosen distributor clamp bolt and rotate distributor to align proper marks.

VEHICLE EMISSION CONTROL INFORMATION

ENGINE	MANUAL TRANS	AUTO TRANS
6 Cyl. (307)	700	600
V-8 (350, 4-B)	900	600
V-8 (350, 2-28)	900	600
V-8 (350, 2-28)	900	700
V-8 (402)	800	600

CAUTION: Carburetors are fitted with locked mixture adjusting screws. DO NOT tamper with these screws to avoid upsetting emissions controls.
The "O" indicates timing at normal operating temperature, choke open and air conditioning off. Plug disconnected vacuum fittings.
1. Disconnect carburetor hose from vapor canister and plug.
2. Disconnect distributor vacuum hose. Plug hose to carburetor.
3. Set dwell and timing at specified RPM.
4. If equipped, adjust idler(s) (energized) to specified RPM.
5. Adjust carburetor speed screw (isolated disconnected) to specified RPM.
6. With transmission in PARK or neutral, set fast idle to specified RPM on low step of cam.
7. Reconnect distributor and canister hoses.

TBA

TIRES

Model	Tire
Base	E78 x 14B (2+2)
"SS"	F70 x 14B (2+2)
Z28	F60 x 15B (2+2)

TIRE PRESSURES:
Front 24
Rear 26

*Cold and for normal loads and speeds. For other tires, special equipment, or high speeds and heavy loads, consult Owner's Manual or vehicle Decal.

ELECTRICAL

BATTERY—SUNOCO® HV*

- 6 Cylinder HP-22F°
- V-8 HP-22F°

CABLES—SUNOCO®*

GROUND: 3212-C
V-8 except* 3212-C
V-8 350 4112-A
STARTER: 3212-C
V-8 3212-C

SPARK PLUGS Champion AC

- 6 Cyl. RBL-13Y R46T
- V-8 (307) RBL-15Y R44T
- V-8 (350 2-V) RBL-15Y R45TS
- V-8 (350 4-B) RBL-15Y R44TS
- V-8 (402) RBL-13Y R44TS

COOLING

THERMOSTAT—Dodge:
160° DVN-1 DVN-1H DVN-1X
180° DV-1H DV-1X
195° DV-1X DV-1X

LAMPS—Westinghouse

- Headlight 6012
- Parking 1157A
- Turn Signal 1157
- Stop/Tail 1157
- License 67
- Instrument 194, 1895
- Dome 211
- Marker: Front 194A
- Rear 194

GASOLINE FILTER—Fram

- All except* CG-11
- *307 V-8 CG-13

OIL FILTER—Fram

- All PH-30

PCV VALVE—AC

- 6-Cylinder CV-722C
- V-8 CV-736C
- V-8 307 CV-691C

GASOLINE CAP—Stant

- All G-703E

RADIATOR CAP—Stant

- All SP-17

WINDSHIELD WIPERS—Anco

- Blade 16/826
- Refill 6016/690

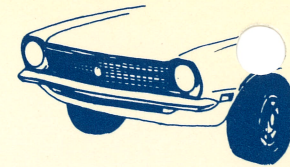
CHEVROLET Camaro, Camaro SS (1967-70)

SUGGESTED SERVICE OPERATION SCHEDULE

Operation	Time	Operation	Time	Operation	Time
Time Up Meter	1	Battery Terminals: Check	2	Wheel Condition: Check/rot. adj.	14
Spark Plug: Clean or replace if gapped, fouled, or worn; adjust gap; clean and PCV valve	12	Alternator: R & B	14	Brake: Adjust (off-vehicle)	2
Oil: 1/2 qt.	12	Oil: 1/2 qt.	12	Brake: Adjust (on-vehicle)	2
Water: 1/2 gal.	12	Water: 1/2 gal.	12	Brake: Adjust (on-vehicle)	2
Compressor Test & Oil	10	Spark: R & B	2	Brake: Adjust (on-vehicle)	2
Ignition Timing: 3	3	Washer: R & B	2	Brake: Adjust (on-vehicle)	2
Check: Check oil or adjust if gapped, fouled, or worn; adjust gap; clean and PCV valve	12	Washer: R & B	2	Brake: Adjust (on-vehicle)	2
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Water: 1/2 gal.	12	Washer: R & B	2	Brake: Adjust (on-vehicle)	2
Compressor Test & Oil	10	Washer: R & B	2	Brake: Adjust (on-vehicle)	2
Ignition Timing: 3					



FORD (1972) Maverick, Maverick Grabber



LUBRICATION

Upper Ball Joints	2
Lower Ball Joints	2
Steering Linkage	4
Total Fittings	8

(Sunoco Prestige Grease)

CAPACITIES

(Approx. Always check actual level carefully)

ENGINE CRANKCASE	(Add one quart with filter replacement)
6-Cyl	3 1/2 quarts
V-8	4 qts.

Sunoco Special 10W-40 (Meets all test sequences for SE service as required by car manufacturers)

TRANSMISSION — MANUAL:	
3-Speed	3 1/2 pints

Sunoco Multi-Purpose Lubricant GL-5

TRANSMISSION—AUTOMATIC	
(total)*	8 quarts

*Initial refill requires approx. 1/2 total capacity.

Sunoco Transmatic Fluid
(Blue Top Can)

REAR AXLE	4 pts.
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Sunoco Multi-Purpose Lubricant GL-5
for topping only*

*For complete drain and refill, use manufacturer's recommended gear lubricant.

COOLING SYSTEM (W/Heater):*

6-Cylinder	10 qts.
V-8	14 qts.

*Add 1 to 2 quart w/ac.

GASOLINE TANK:

All	15 gal.
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WHEEL ALIGNMENT

Caster	-1/2°
Camber	+1/4°
Toe-In	3/16"

TUNE-UP

SPARK PLUGS

SPARK PLUG GAP: .034"

DISTRIBUTOR

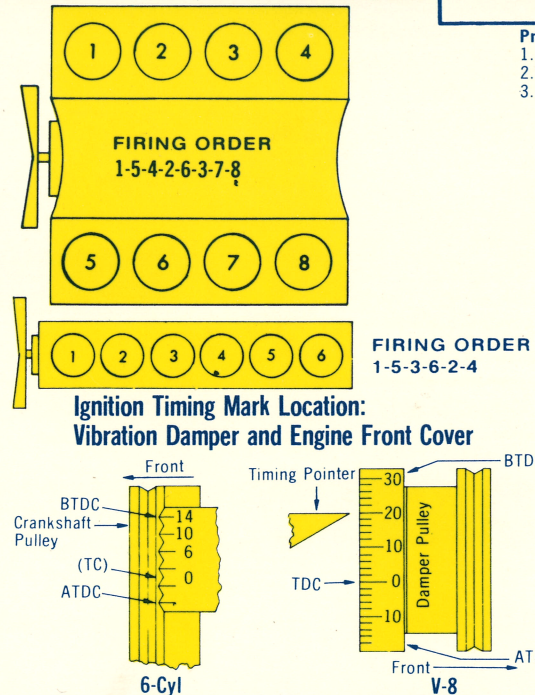
DWELL:
6 Cylinder: .37°
V-8: .28°

POINT GAP:
6 Cyl.: .027"
V-8: .017"

Direction of rotor rotation:
6 Cyl.: clockwise
V-8: counterclockwise

CAUTION:

If necessary to remove distributor for service, mark distributor body, rotor, and cylinder block with reference to number 1 cylinder. Align marks during re-installation.



INITIAL IGNITION TIMING

ENGINE	MANUAL TRANS @ RPM	AUTO TRANS @ RPM
All	6° BTDC 600	6° BTDC 600

Procedure:

1. Distributor diaphragm hose(s) must be disconnected and plugged.
2. Reduce idle speed to below 600 RPM to make sure centrifugal advance is not operating.
3. Reset idle speed after ignition timing adjustment.

VEHICLE EMISSION CONTROL INFORMATION

ENGINE	IDLE SPEED		
	SOLENOID CONNECTED	SOLENOID DISCONNECTED	NO SOLENOID
6 Cyl. (170)	—	—	700
6 Cyl. (200)	MAN: 800 AUTO: 600	500	MAN: 750 AUTO: 550
6 Cyl. (240)	—	—	500
6 Cyl. (250)	MAN: 750 AUTO: 600	500	550
V-8 (302)	MAN: 800 AUTO: 600	500	575

General Procedure: Make adjustments with engine at operating temperature, choke open and air conditioning off. Parking brake set. Plug disconnected vacuum fittings, Headlights on.

1. Adjust higher idle speed with throttle solenoid connected, using solenoid adjuster.
2. Adjust low idle speed with throttle solenoid wire disconnected, using curb idle screw.
3. On carburetors not equipped with throttle solenoid, set curb idle using curb idle adjusting screw.

CAUTION: Carburetors are fitted with locked mixture adjusting screws. **DO NOT** tamper with these screws to avoid upsetting emissions controls.

TBA

TIRES

TIRE PRESSURE*	
	Front Rear
6.00x13	24 26

*Cold and for normal loads and speeds. For other tires, special equipment, or high speeds and heavy loads, consult Owner's Manual, or vehicle DECAL.

ELECTRICAL

Battery — Sunoco HV®	
6 Cylinder	HP-22F
V-8	HP-22F
CABLES—SUNOCO®	
GROUND:	
6 Cylinder	4312
V-8	3812
Starter	1212

LAMPS—Westinghouse

Headlight (Single Lamp)	6012
Front Park/Turn	1157
Rear Tail/Stop/Turn	1157
License	631
Instrument	194
Dome	561
Marker: (front)	161
(rear)	161

Fuses — Buss

(Headlamps protected by circuit breaker)	
Hazard Wrng., Lighter & Clock Feed	20 amp.
Courtesy, Dome, Ign. Key Warning Buzzer	14 amp.
Instrument, Radio, Lamp, Heater A/C Lamp	4 amp.
Heater/Defroster	14 amp.*
*with A/C	30 amp.
Back-Up, Radio Feed, W/S Washer	15 amp.
Accessory Feed	20 amp.

SPARK PLUGS	Champion	AC
6 Cyl. (170-200)	RF-11Y	R-85TS
6 Cyl. (240)	RF-11Y	R-84TS
V-8 (302)	RF-11Y	R-84TS

COOLING

THERMOSTAT — Dole	DVN-1*
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*(Add H for 180 °, XH for 195 °)

FILTERS, PCV, CAPS, WIPERS

AIR FILTER — Fram	
6 Cyl. (170-200)	CA-303
6 Cyl. (250)	CA-338
V-8 (302)	CA-324

GASOLINE FILTER — Fram	
All	G-22

OIL FILTER — Fram	
All	PH8A

PCV VALVE — AC	
6 Cyl. W/MT	CV-725C
6 Cyl. W/AT	CV-642C
V-8	CV-733C

GASOLINE CAP — Stant	
All	G24

RADIATOR CAP — Stant	
All	SP-12

WINDSHIELD WIPERS — Anco	
Blade	16/816
Refill	6016/690
Driver's Side Arm	130
Pass. Side Arm	130

SUGGESTED SERVICE OPERATION SCHEDULE*

Operation Time

TUNE-UP & IGNITION

Tune-Up, Minor:
Includes: Inspect Distributor; clean or replace spark plugs, points & condenser, wires, adjust ignition timing & carburetor idle. Clean or replace air cleaner and PCV valve. Test battery, clean cables.

6-Cyl.....	1.8
V-8.....	2.0
Compression Test, 6-Cyl.....	.5
V-8.....	.8
Ignition Timing Set (Includes: Check and/or Adjust).....	.4
Spark Plugs—Clean or replace, 6-Cyl.....	.5
V-8.....	.8
Points & Condenser, R & R, 6-Cyl.....	.5
(Includes: Adjust Timing), V-8.....	.8
Ignition Coil, R & R (All).....	.4
Ignition Cables, R & R, 6-Cyl.....	.4
V-8.....	.6
PCV Valve/R & R (All).....	.3

FUEL SYSTEM

Carburetor Idle-Adjust (on car).....	.3
Carburetor Remove, Overhaul-Replace	
6-Cyl.....	1.5
V-8, 2 BBL.....	1.9
4 BBL.....	1.1
Quadrajets.....	
3-2 BBL. (each).....	
Automatic Choke—Clean & Adjust (All).....	.4
Fuel Pump, R & R: (All).....	.4
W/Air Condition.....	.5
Fuel Filter, R & R (All).....	.3
Fuel Flex Hose, R & R.....	.7
Fuel System, Clean (Includes: Remove Fuel Tank & Clean. Blow out fuel lines & clean fuel filter) All.....	2.2

Operation Time

BATTERY, GENERATOR, ALTERNATOR & STARTER

Battery Terminals, clean.....	.2
Battery Cables, Replace Starter.....	.3
Ground.....	.3
Alternator, R & R.....	.4
Overhaul (removed).....	.9
Alternator Regulator, R & R.....	.3
Starter Draw Test (on Car).....	.3
Starter Motor, R & R, 6-Cyl.....	.6
V-8.....	.8
W/Air Condition.....	
W/Crossover pipe.....	
Overhaul (Removed), 6-Cyl.....	1.3
V-8.....	1.3
Starter Drive, R & R, 6-Cyl.....	.4
V-8.....	.4
W/Air Condition add.....	
W/Crossover pipe add.....	
Starter Relay, R & R, 6-Cyl.....	.4
V-8.....	.4
W/Air Condition add.....	
W/Crossover pipe add.....	

BRAKE SYSTEM

Brakes, Adjust (self-adjusting) (includes removing 4 drums).....	1.5
Parking Brake, Adjust.....	.2
Brakes, Bleed.....	.3
Brake Shoes, Replace	
Front Wheels (Both).....	1.0
Rear Wheels (Both).....	1.3
All.....	1.9
Wheel cylinder overhaul with above, each.....	.3
Wheel Bearings (Front) replace with above (each wheel).....	.6
Self-Adjuster R & R or overhaul, each.....	.5

Operation Time

BRAKES (Cont'd.)

Wheel Cylinder Overhaul (on car) or R&R	
Front (each).....	.5
Rear (each).....	.5
Master Cylinder, R & R.....	.7
Overhaul (removed).....	.8
Power Brake Assembly, R & R.....	
Brake Hose, R & R	
Front (one).....	.5
Rear.....	.5
Resurface Brake Drum (each).....	.5
Refinish Brake Rotor (Both).....	
Disc Brake Pad, R & R	
Front (2).....	
Rear (2).....	
All.....	

COOLING SYSTEM

Fan Belt, Adjust or Replace.....	.4
W/Air Condition.....	.6
W/Power steering.....	
W/Thermactor.....	
Radiator Hose, R & R	
Upper.....	.4
Lower.....	.7
Thermostat &/or Housing, R & R.....	.5
W/Air Condition.....	.5
Water Pump, R & R (All).....	1.1
W/Air Condition.....	1.7
W/Power Steering.....	
Radiator, R & R.....	.7
W/Automatic Trans. add.....	

EXHAUST SYSTEM

Exhaust System (one side) R & R (Includes: muffler, exh. & tail pipe)....	.8
W/Crossover pipe.....	
Muffler only.....	.6

Operation Time

EXHAUST SYSTEM (Cont'd.)

Tail Pipe only.....	
Exhaust Pipe.....	.7
Crossover pipe.....	

STEERING, SUSPENSION

Caster, Camber, Toe-In, Adjust.....	1.1
W/Air Condition.....	1.3
Toe In, Adjust.....	.3
Seal, Front Wheel, R & R (Includes: Repack & adjust bearings).....	.4
Disc Brakes.....	
Bearings, Front Wheel R & R, repack.....	.4
Wheels, Balance Two (on car).....	1.0
Shock Absorber, R & R, each Front.....	.5
each Rear.....	.5
Ball Joints, Replace each (upper).....	1.0
each (lower).....	1.0
(Add alignment Charges)	

CLUTCH, UNIVERSALS

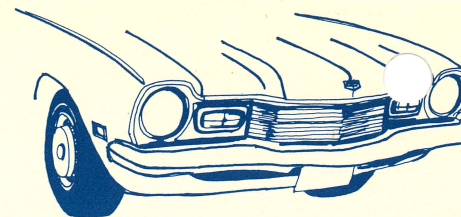
Clutch Pedal, adjust.....	.4
Clutch Assembly, R & R.....	.7
Universal Joints, Overhaul, (one).....	.4
(two).....	.7
Pinion Oil Seal, R & R.....	.8
Rear Axle Seal, R & R (each).....	.6

LAMPS & SWITCHES

Headlamps, Aim, Two.....	.4
Four.....	
Sealed Beam, R & R (each).....	.3
Dimmer Switch, R & R.....	.3
Stop Light Switch, R & R.....	.4
Headlamp Switch, R & R.....	.5
Directional Switch, R & R.....	.7
W/Tilt Wheel.....	
Ignition Switch, R & R.....	.3



FORD (1972) Comet, Comet GT



LUBRICATION

Upper Ball Joints	2
Lower Ball Joints	2
Steering Linkage	4
Total Fittings	8
(Sunoco Prestige Grease)	

CAPACITIES

(Approx. Always check actual level carefully)

ENGINE CRANKCASE (Add one quart with filter replacement)	
6 Cyl.	3-1/2 qts.
V-8 302	4 qts.

Sunoco Special 10W-40 (Meets all test sequences for SE service as required by car manufacturers).

TRANSMISSION—MANUAL 3.5 pts.
Sunoco Multi-Purpose Lubricant GL-5

TRANSMISSION—Automatic: (Total Fill)*
6 Cyl. 8 qts.
V-8 9 qts.

*Refill after draining requires approx. 1/2 Total Fill.

Sunoco Transmatic Fluid Dexron Type
(Blue Top Can)

REAR AXLE: 4 pts.

Sunoco Multi-Purpose Lubricant GL-5
for topping only*

*For complete drain and refill, use manufacturer's recommended gear lubricant.

COOLING SYSTEM (W/Heater):*
6 Cyl. (170, 200) 9 qts.
6 Cyl. (250) 10 qts.
V-8 (302) 14 qts.

*Add 1 to 2 quarts w/A.C.

GASOLINE TANK:
All 15 gal.

WHEEL ALIGNMENT

Caster	-1/2° (min: -2-1/2°; max: +1-1/2°)
Camber	+1/4° (min: -3/4°; max: +1-1/4°)
Toe-In	3/16" (min: 1/16"; max: 3/8")

TUNE-UP

SPARK PLUGS

Spark Plug Gap034"

DISTRIBUTOR

Dwell:
6-Cylinder37°
V-828°

Point Gap:
6 Cyl027"
V-8017"

Direction of rotor rotation:

6 Cyl. Clockwise
V-8 Counterclockwise

CAUTION:

If necessary to remove distributor for service, mark distributor body, rotor, and cylinder block with reference to number 1 cylinder. Align marks during re-installation.

TBA

TIRES

TIRE PRESSURES: *(6.00 x 13)
Front24
Rear26

*Cold and for normal loads and speeds. For other tires, special equipment, or high-speeds and heavy loads, consult Owner's Manual, or vehicle DECAL.

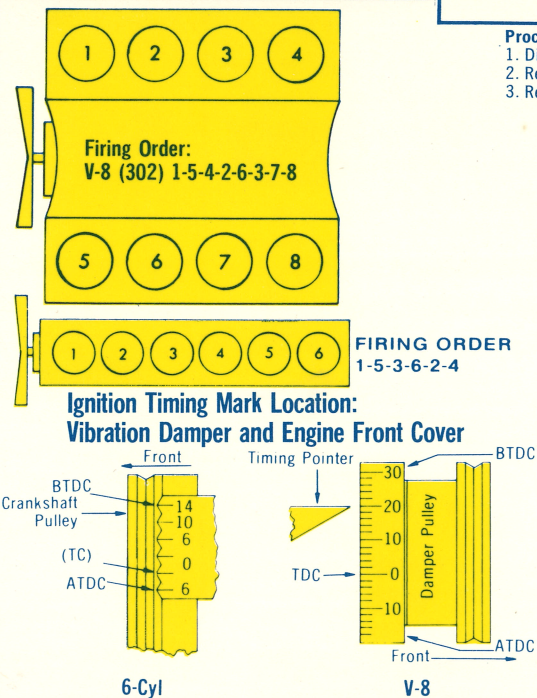
ELECTRICAL

BATTERY—SUNOCO®HV:

6-CylinderHP-22 FC
V-8HP-22 FC

CABLES—SUNOCO®

Ground: 6 Cyl:4312
V-83812
Starter: 6 Cyl:1212
V-8:1212



INITIAL IGNITION TIMING

ENGINE	MANUAL TRANS (cc) RPM	AUTO TRANS (cc) RPM
All	6° BTDC 590	6° BTDC 590

Procedure:

1. Distributor diaphragm hose(s) must be disconnected and plugged.
2. Reduce idle speed to below 600 RPM to make sure centrifugal advance is not operating.
3. Reset idle speed after ignition timing adjustment.

VEHICLE EMISSION CONTROL INFORMATION

ENGINE	IDLE SPEED		
	SOLENOID CONNECTED	SOLENOID DISCONNECTED	NO SOLENOID
6 Cyl. (170)	—	—	700
6 Cyl. (200)	MAN: 800 AUTO: 600	500	MAN: 750 AUTO: 550
6 Cyl. (250)	MAN: 750 AUTO: 600	500	550
V-8 (302)	MAN: 800 AUTO: 800	500	575

General Procedure: Make adjustments with engine at operating temperature, choke open and air conditioning off. Parking brake set. Plug disconnected vacuum fittings, Headlights on.

1. Adjust higher idle speed with throttle solenoid connected, using solenoid adjuster.
2. Adjust low idle speed with throttle solenoid wire disconnected, using curb idle screw.
3. On carburetors not equipped with throttle solenoid, set curb idle using curb idle adjusting screw.

CAUTION: Carburetors are fitted with locked mixture adjusting screws. **DO NOT** tamper with these screws to avoid upsetting emissions controls.

FUSES—Buss

(Headlights, Horns, Stop, Marker, Rear, and License Lights, and Parking Lights protected by circuit breakers)

Hazard Wrng., Lighter20 amp.
Courtesy, Dome,
Key Buzzer Wrng.14 amp.
Cluster Lights, Heater,
A.C. Lights4 amp.
Heater/Defroster14 amp.
(30 amp. W/A.C.)

Back-Up, Radio Feed,
W/S Washer15 amp.

LAMPS—Westinghouse

Headlight
(Single Lamp)6012
Back-Up1076
Front Park/Turn1157
Rear Tail/Stop/Turn1157
License97
Instrument194

Dome105
Marker: (front)161
(rear)161

SPARK PLUGS Champion AC
6 Cyl. RF-11Y R85TS
V-8 302 RF-11Y R84TS

COOLING

THERMOSTAT—Dole DVN-1*
*For high-temperature thermostat, add H or XH to number.

FILTERS, PCV, CAPS, WIPERS

AIR FILTER—Fram
6-Cylinder: 170 & 200:CA-303
250:CA-338
V-8 302:CA-351
GASOLINE FILTER—Fram
All:G22

OIL FILTER—Fram

All:PH8A

PCV VALVE—AC

6 Cylinder W/MTCV-725C
6 Cylinder W/ATCV-733C
V-8CV-642C

GASOLINE CAP—Stant

AllG-708E

RADIATOR CAP—Stant Lev-R-Vent

AllSP-12

WINDSHIELD WIPERS—ANCO:

Blade:16/816
Refill:6016/690

FORD (1971) Comet, Comet GT

*Time evaluations are based on actual performed procedures by service experts on current model cars. They are offered here, however, only as suggested guides to labor pricing.

SUGGESTED SERVICE OPERATION SCHEDULE*

Operation	Time
TUNE-UP & IGNITION	
Tune-Up, Minor:	
Includes: Inspect Distributor; clean or replace spark plugs, points & condenser, wires, adjust ignition timing & carburetor idle. Clean or replace air cleaner and PCV valve. Test battery, clean cables.	
6-Cyl.	1.8
V-8	2.0
Compression Test, 6-Cyl.	.5
V-8	.8
Ignition Timing Set (Includes: Check and/or Adjust)	.4
Spark Plugs—Clean or replace, 6-Cyl.	.5
V-8	.8
Points & Condenser, R & R, 6-Cyl.	.5
(Includes: Adjust Timing), V-8	.8
Ignition Coil, R & R (All)	.4
Ignition Cables, R & R, 6-Cyl.	.4
V-8	.6
PCV Valve/R & R (All)	.3
FUEL SYSTEM	
Carburetor Idle-Adjust (on car)	.3
Carburetor Remove, Overhaul-Replace	
6-Cyl.	1.5
V-8, 2 BBL.	1.9
4 BBL.	2.2
Automatic Choke—Clean & Adjust (All)	.4
Fuel Pump, R & R: (All)	.4
W/Air Condition	.5
Fuel Filter, R & R (All)	.3
Fuel Flex Hose, R & R	.7
Fuel System, Clean (Includes: Remove Fuel Tank & Clean. Blow out fuel lines & clean fuel filter) All	2.1
Station Wagon	

Operation	Time
BATTERY, GENERATOR, ALTERNATOR & STARTER	
Battery Terminals, clean	.2
Battery Cables, Replace Starter	.3
Ground	.3
Alternator, R & R	.6
Overhaul (removed)	.9
Alternator Regulator, R & R	.3
Starter Draw Test (on Car)	.3
Starter Motor, R & R, 6-Cyl.	.6
V-8	.8
Overhaul (Removed), 6-Cyl.	1.3
V-8	1.3
Starter Drive, R & R, 6-Cyl.	.4
V-8	.4
Starter Relay, R & R, 6-Cyl.	.4
V-8	.4
W/Air Condition add	
W/Crossover pipe add	
BRAKE SYSTEM	
Brakes, Adjust (self-adjusting) (includes removing 4 drums)	1.0
Parking Brake, Adjust	.2
Brakes, Bleed	.3
Brake Shoes, Replace	
Front Wheels (Both)	1.0
Rear Wheels (Both)	1.3
All	1.9
Wheel cylinder overhaul with above, each	.3
Wheel Bearings (Front) replace with above (each wheel)	.6
Self-Adjuster R & R or overhaul, each	.5
Wheel Cylinder Overhaul (on car) or R&R Front (each)	.5

Operation	Time
BRAKES (Cont'd.)	
Rear (each)	.5
Master Cylinder, R & R	.7
Overhaul (removed)	.8
Power Brake Assembly, R & R	
Brake Hose, R & R	
Front (one)	.5
Rear	.5
Resurface Brake Drum (each)	.5
Refinish Brake Rotor (Both)	
COOLING SYSTEM	
Fan Belt, Adjust or Replace	.4
W/Air Condition	.6
W/Power steering	
W/Thermactor	
Radiator Hose, R & R	
Upper	.4
Lower	.7
Thermostat &/or Housing, R & R	.5
W/Air Condition	.5
Water Pump, R & R (All)	1.4
W/Air Condition	1.8
W/Power Steering	
Radiator, R & R	.9
W/Automatic Trans. add	
EXHAUST SYSTEM	
Exhaust System (one side) R & R (Includes: muffler, exh. & tail pipe)	.8
W/Crossover pipe	
Muffler only	.6
Tail Pipe only	
Exhaust Pipe	.7
Crossover pipe	

Operation	Time
STEERING, SUSPENSION	
Caster, Camber, Toe-In, Adjust	1.1
W/Air Condition	1.3
Toe In, Adjust	.3
Seal, Front Wheel, R & R (Includes: Repack & adjust bearings)	.5
Disc Brakes	
Bearings, Front Wheel R & R, repack	.5
Wheels, Balance Two (on car)	1.0
Shock Absorber, R & R, each Front	.5
each Rear	.5
Ball Joints, Replace each (upper)	1.0
each (lower)	1.0
(Add alignment Charges)	
CLUTCH, UNIVERSALS	
Clutch Pedal, adjust	.4
Clutch Assembly, R & R	.7
Universal Joints, Overhaul, (one)	.4
(two)	.7
Pinion Oil Seal, R & R	.8
Rear Axle Seal, R & R (each)	.6
LAMPS & SWITCHES	
Headlamps, Aim, Two	.4
Four	.5
Sealed Beam, R & R (each)	.3
Dimmer Switch, R & R	.3
Stop Light Switch, R & R	.4
Headlamp Switch, R & R	.5
Directional Switch, R & R	.7
W/Tilt Wheel	
Ignition Switch, R & R	.3