

CHEVROLET Six 1955

SERIES 1500, 2100, 2400 (U.S.)
SERIES 1000, 1200 (CANADA)



A. E. A.
TUNE UP SYSTEM



Standards of Adjustment
Automotive Electric Association

ISSUED JUNE 1955

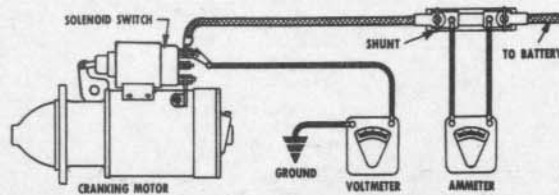
FORM NO. CE-38

BATTERY AND CABLES

DELCO Type 25M50 (U.S.) No. 5846909 (Canada)
Capacity - 50 Amp. Hour 60 Amp. Hour (Canada)
(20 Hr. rate) Negative terminal grounded

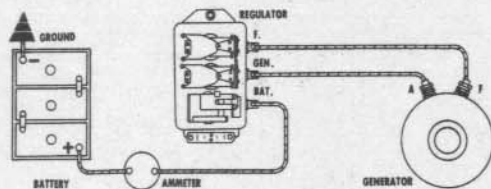
CABLES - PACKARD - Battery to Ground Cable - Length 7-1/2";
Part No. CN-8; Battery to Starter Cable - Length 29-1/2";
Part No. CP-29.

STARTING MOTOR



DELCO-REMY No. 1107626 (U.S.) No. 1814560 (Canada)
Drive - Overrunning Clutch Part No. 1927200
FREE RUNNING SPEED - 6900 R.P.M. 75 Amps. 10.3 Volts
LOCK TORQUE (Stalled) - 10.5 Ft. Lbs. 435 Amps. 5.8 Volts
CONTROL - Solenoid Switch Part No. 1119767

GENERATOR



DELCO-REMY - No. 1100310 (Standard) (U.S.)
No. 1102014 (Standard) (Canada)
No. 1102020 (with Power Steering)
Cold Output:
(1100310) 25 Amps. 14 volts at approx. 2780 R.P.M. Generator
(1102014) 30 Amps. 14 volts at approx. 2150 R.P.M. Generator
(1102020) 30 Amps. 14 volts at approx. 2150 R.P.M. Generator
Brush Spring Tension - 28 oz.
Rotation - Clockwise (viewing drive end)

GENERATOR REGULATOR

DELCO-REMY No. 1118945 (Standard)
No. 1118826 (with Power Steering)

	Cut-Out Relay	Current Regulator	Voltage Regulator
Air Gap	.020"	.075"	.075"
Point Opening	.020"		
Adjusting Specs.			
(1118945)	11.8-13.5 Volts*	23-27 Amps.*	13.8-14.8 Volts*
(1118826)	11.8-13.5 Volts*	27-33 Amps.*	13.8-14.8 Volts*

*At 125° F. regulator ambient temperature.

COMPRESSION

VALVE CLEARANCE - Engine Hot - Standard transmission
Intake .006"
Exhaust .013"
Automatic Transmission - Hydraulic valve lifters
VALVE TIMING - Standard transmission
Inlet valves open 1° after top dead center.
Automatic transmission - Inlet valves open 10° 30' before top dead center.

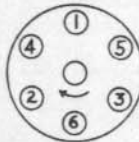
SPARK PLUGS

AC Type 44-5 Gap .035" (U.S.) Size 14mm.
Gap .032" (Canada)

IGNITION COIL

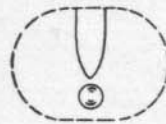
DELCO-REMY No. 1115085 Servicing Coil No. 1115087
Mounting Bracket No. 1909326
Resistance Unit No. 1927809

DISTRIBUTOR



DELCO-REMY - No. 1112403
Firing Order - 1-5-3-6-2-4
Breaker Contact Gap -
.016" at 28° - 35° Cam Angle
Breaker Contact Set - Part No. 1924571
Breaker Arm Spring Tension - 19 - 23 oz.
Condenser - Part No. 1928111
Capacity - .18 - .23 Mfds.
Vacuum Control No. 1116089 4" - 6" hg. to start plunger travel;
6.5° - 8.5° distributor advance at 7.5" - 10" hg.
Automatic Advance - Start 0° - 2° at 375 R.P.M.; Intermediate
4° - 6° at 700 R.P.M.; 9° - 11° at 1350 R.P.M.; Maximum
12° - 14° at 1750 R.P.M.

IGNITION TIMING



USE TIMING LIGHT -
Breaker contacts to open
at top dead center.
Timing mark on flywheel.

FUEL PUMP

AC Type 4149 Series EM
Capacity - 1 pint or over in 1 minute
Pressure - 3-1/2 lbs. minimum; 4-1/2 lbs. maximum

AIR CLEANER

AC No. 1552042 (Standard)
AC No. 1552041 (Heavy Duty)

CARBURETOR

ROCHESTER - No. 7007180 (Power Glide)
No. 7007181 (Standard Transmission)
Float Level - Measure with gauge M250.
Float Drop - With air horn held upright and floats suspended freely,
bend drop tang at rear of float so that bottom of float is 1-3/4"
below air horn gasket surface.
Fixed Jets - Main Metering Jet, Standard Part No. 7002957
Main Metering Jet, Lean Part No. 7002956
Unloader Adjustment - With throttle lever in full wide open position,
there should be a clearance of .230" between lower edge of choke
valve and bore of air horn.
Choke Rod Adjustment - With thermostat cover properly indexed, turn
idle adjusting screw in until it contacts second step of fast idle
cam. Holding screw tightly against cam, bend choke rod at dog
leg until there is .076" between lower edge of choke valve and
bore of air horn.
Idle Engine Speed - Idle engine at 475 R.P.M. (Standard Trans.);
Idle at 425 R.P.M. in drive (Power Glide)

COOLING SYSTEM

Capacity - 16 Quarts without heater (U.S. Measure)
13-1/4 Quarts, without heater (Imperial Measure)
Thermostat - In cylinder head water outlet
(U.S.) opens at approximately 153° - 163° F.
(Canada) opens at 157° - 163° F.

WINDSHIELD WIPER

Windshield Wiper - TRICO
Service Motor No. CPM-12-27
Wiper Arm (Both sides) - AL-150
Blade (Both sides) RB-12
Linkage (Driver side) G-88471-J
(Pass. side) G-88470-J

ADDITIONAL SPECIFICATIONS

Gauges - AC
Temperature Gauge - No. 1512931
Gasoline - Dash Unit No. 1518152
Tank Unit No. 1518158
Speedometer - AC No. 1583389
Cable No. 1562889 - 58-5/8" (Standard Transmission)
No. 1562669 - 63-5/8" (Power Glide)
Crankcase Capacity - 5 Quarts (U.S. Measure)
4-1/4 Quarts (Imperial Measure)
Recommended Tire Pressure - Cold - 24 lbs. front and rear
Ignition Lock - BRIGGS & STRATTON
Key Series 8000 - 9499
Key Blank Part No. 32318
Lock Part No. 601126
SERIAL NUMBER - (U.S.) On upper left front body hinge pillar
001001 and up
(Canada) On top of cowl, under hood
51211600001 and up
ENGINE NUMBER - On right side of engine block to rear of
distributor (U.S.) 001001 and up
(Canada) 52501 and up

NOTE: The SYMBOL "hg. used on this chart designates
"Inches Vacuum" (mercury).

Original equipment service parts and accurate work to
manufacturers' specifications with proper tools and
equipment will restore original performance.