

CHEVROLET Eight 1955

SERIES 1500, 2100, 2400 (U.S. & CANADA)



A. E. A. TUNE-UP SYSTEM



Standards of Adjustment

Automotive Electric Association

ISSUED JUNE 1955

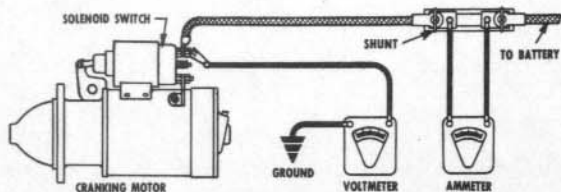
FORM NO. CE-39

BATTERY AND CABLES

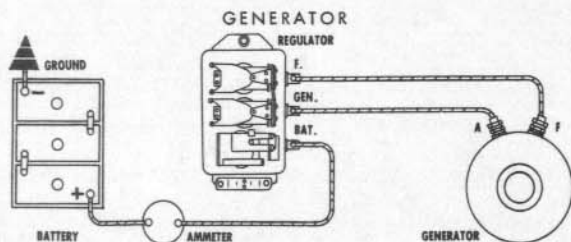
DELCO Type 25M50 (U.S.) Capacity - 50 Amp. Hour
(20 hr. rate)
Type 5846909 (Canada) Capacity - 60 Amp. Hour
(20 hr. rate)
Negative terminal grounded

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. 1107627 (U.S.)
No. 1814570 (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 No. 1119767



DELCO-REMY No. 1100310 (U.S. Standard)
No. 1102014 (Canada Standard)
No. 1102020 (With power steering)

COLD OUTPUT:
(1100310) 25 Amps, 14 Volts at approx. 2780 R.P.M. of Gen.
(1102014, 1102020) 30 Amps, 14 Volts at approx. 2150 R.P.M. of Gen.
Brush Spring Tension - 28 oz.
Rotation - Clockwise (viewing drive end)

GENERATOR REGULATOR

DELCO-REMY No. 1118945 (U.S. Standard)
No. 1118825 (Canada 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*
(1118825)	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 - Hydraulic Valve Lifters
VALVE TIMING - (Standard Trans.) Inlet valves open 12° before top dead center.
(Power Glide) Inlet valves open 18° before top dead center.

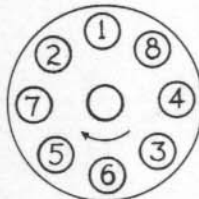
SPARK PLUGS

AC Type 44-5 Gap .035" Size 14mm.

IGNITION COIL

DELCO-REMY No. 1115083 Servicing Coil No. 1115087
Mounting Bracket No. 1929496
Resistance Unit No. 1927809

DISTRIBUTOR

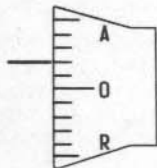


DELCO-REMY No. 1110847

Firing Order - 1-8-4-3-6-5-7-2
Breaker Contact Gap - .016" at 26° - 33° Cam Angle
Breaker Contact Set Part No. 1924499
Breaker Arm Spring Tension - 19 - 23 oz.
Condenser - Part No. 1869704
Capacity - .18 - .23 Mfd.
Automatic Advance - Start 0° - 2° at 400 R.P.M.; Intermediate 8° - 10° at 1150 R.P.M.; Maximum 15° - 17° at 1800 R.P.M.

Vacuum Control Part No. 1116085 5" - 7" hg. to start plunger travel;
13° - 15° distributor advance at 13.5" - 14.5" hg.

IGNITION TIMING



USE TIMING LIGHT -

Breaker contacts to open 4° before top dead center.
Timing mark on harmonic balancer.

FUEL PUMP

AC No. 4150 Series EM
Capacity - 1 pint or over in 1 minute
Pressure - 4 lbs. minimum; 5 lbs. maximum

AIR CLEANER

AC No. 1552372 (Heavy Duty)

CARBURETOR

ROCHESTER - No. 7008004 (Power Glide)
No. 7008005 (Standard Transmission)
Float Level - With air horn fully assembled, gasket in place, inverted, measure 1-5/32" from bottom of float to gasket.
Float Drop - Distance from air horn gasket to bottom of float to be 1-29/32" with air horn held upright.
Fixed Jets - Metering Jet, Standard
7008004 Carburetor Part No. 7002951
7008005 Carburetor Part No. 7002952
Pump Rod Adjustment - Back off throttle stop screw and hold throttle valves completely closed. Distance from top of air horn casting to top of pump rod to be 15/16".

CARBURETOR - Continued

Unloader Adjustment - With throttle valve held wide open, there should be 23/64" between upper edge of choke valve and inner wall of air horn.
Choke Rod Adjustment - Turn idle screw in until it just contacts second step of fast idle cam. With screw on second step and against shoulder of high step there should be .089" between upper edge of choke valve and wall of air horn.
Idle Engine Speed - Idle at 450-500 R.P.M. (Standard Transmission), idle at 400-450 R.P.M. (Power Glide)

CARTER - No. 22185 (Optional Equipment, 180 Horsepower)
Float Level - Distance between top of float and machined surface of casting must be 1/8" for primary floats and 1/4" for secondary floats.
Fixed Jets - Metering Rod, Standard Part No. 75-1161
Primary Metering Rod Jet Part No. 120-155
Secondary Metering Jet Part No. 120-187
Fast Idle Adjustment - With choke valve tightly closed, there should be .015" opening between throttle valve and bore of carburetor.
Metering Rod Adjustment - Back out throttle lever stop screw to allow throttle valves to seat in bores of carburetor and loosen metering rod arm clamp screw. With metering rods in place, press down on vacuumer link until metering rods bottom in carburetor body casting. Holding rods in downward position and throttle valves seated, revolve metering rod arm until finger on arm contacts lip of vacuumer link. Hold in place and tighten clamp screw.
Unloader Adjustment - With throttle wide open there should be 3/16" clearance between upper edge of choke valve and inner wall of air horn.
Idle Engine Speed - Do not idle below 400 R.P.M. in drive (Power Glide); or 450 R.P.M. (O/D and Standard Transmission).

COOLING SYSTEM

Capacity - 16 Quarts without heater (U.S. Measure)
13-1/4 Quarts without heater (Imperial Measure)
Thermostat - In cylinder head water outlet. Starts to open at 160° F. (U.S.); Opens at 157° - 163° F. (Canada)

WINDSHIELD WIPER

TRICO (Vacuum Wipers)
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. 1513145
Gasoline Gauge - Dash Unit No. 1518407
Tank Unit No. 1518158
Speedometer - AC No. 1583389
Cable - No. 1562889 - 48-5/8" (Standard Transmission)
No. 1562669 - 63-5/8" (Power Glide)
Crankcase Capacity - 4 Quarts (U.S. Measure)
3-1/4 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 left front body hinge pillar
001001 and up.
(Canada) On cowl under hood
51211800007 and up
ENGINE NUMBER - On top surface of pad, front of right bank
(U.S.) 001001 and up
(Canada) 921005 and up