



Standards of Adjustment

ELECTRICAL SYSTEM

BATTERY AND CABLES

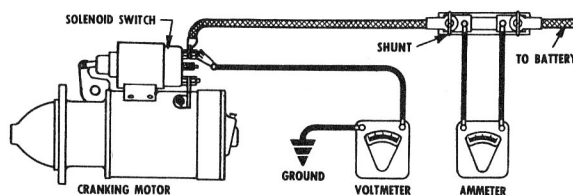
(12 Volt)

AUTO-LITE Type 3EA-60 Capacity - 60 Amps. Hour
WILLARD Type HDW-3KM-60 (20 hour rate)

Negative terminal grounded

CABLES - PACKARD - Battery to Ground Cable - Length 15"; Part No. 1T-15. Battery to Switch Cable - Length 40"; Part No. 1L-41.

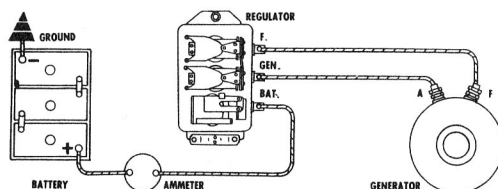
STARTING MOTOR



DELCO-REMY No. 1107656

Drive - Overrunning Clutch - Part No. 1927200
FREE RUNNING SPEED - 3240 R.P.M. 91 Amps. 10.6 V.
LOCK TORQUE (Stalled) - Arm Locked 330-395 Amps. 3.5V.
CONTROL - Solenoid Switch No. 1119760

GENERATOR



DELCO-REMY No. 1102003

Brush Spring Tension -28 oz.
Cold Output:
30 Amps. 14 Volts at approx. 2150 R.P.M. of Gen.
Rotation - Clockwise (viewing drive end)

REGULATOR

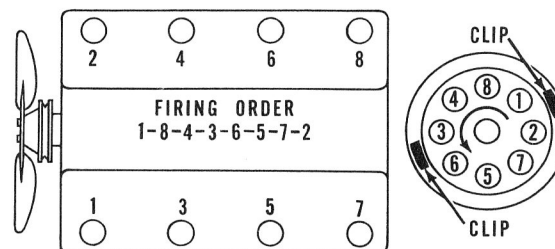
DELCO-REMY No. 1119123

	Cut-Out Relay	Cur. Reg.	Voltage Reg.
Air Gap	.020"	.075"	.075"
Point			
Opening	.020"		
Adjusting			
Specs.	11.8-13.5 V.	27-33 Amps.	13.8-14.8 V.

DISTRIBUTOR

DELCO-REMY No. 1110865

Breaker Contact Gap - .016" at 26° - 33° Cam Angle
Breaker Contact Set Part No. 1917254
Breaker Arm Spring Tension - 19 - 23 oz.
Condenser - Part No. 1869704
Capacity - .18 - .23 Mfds.
Automatic Advance - Start 1° - 3° at 450 R.P.M.; Intermediate 7° - 9° at 900 R.P.M.; 9.5° - 11.5° at 1600 R.P.M.; Maximum 11° - 13° at 2000 R.P.M.
Vacuum Control - No. 1116101 7" - 9" hg. to start plunger travel; 8.75" - distributor advance at 14.5" - 15.25" hg.



SPARK PLUGS

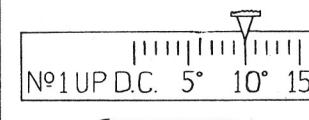
CHAMPION Type N-18 Gap .033"-.037" Size 14mm.
Use Round Wire Gauge

IGNITION COIL

DELCO-REMY No. 1115095 Servicing Coil No. 1115087
Mounting Bracket No. 1909180

IGNITION TIMING

USE TIMING LIGHT -



Breaker Contacts to open at 10° before top dead center. Timing mark on vibration damper.

FUEL SYSTEM

FUEL PUMP

CARTER No. M21985

Capacity - 2 pints or over in 1 minute.
Pressure - 3-1/2 lbs. min.; 5-1/2 lbs. max.
Vacuum Test - 20" hg. min. at 1800 R.P.M.

AIR CLEANER

AC - No. 1552620 (Heavy Duty)

CARBURETOR

ROCHESTER - 4GC - 7008610
7009600 (Front)
7009601 (Rear)

Float Level - 1-5/8" (gauge BT-89) from gasket surface to bottom of float, with air horn inverted and gasket in place.

Float Drop - 2-1/4" from gasket surface to bottom of float with air horn upright, float hanging free.

Fixed Jets -

(7008610)	(Primary Jet - Lean)	Part No. 7002651
(7008610)	(Primary Jet - Standard)	Part No. 7002652
(7009600-7009601)	(Secondary Jet - Standard)	Part No. 7008666
(7009600-7009601)	(Primary Jet)	Part No. 7002647
(7009601)	(Secondary Jet)	Part No. 7001607

Automatic Choke - (7008610) 1 notch lean
(7009600-7009601) Set on index.

Loosen retaining screws and rotate the choke cover counterclockwise against coil tension until the index mark is in line with the index point on the choke housing.

Pump Rod Adjustment - With fast idle and idle stop screws backed off and throttle valves completely closed, bend pump rod to obtain 1-1/16" from top surface of air horn to bottom of pump plunger shaft.

**Standards of Adjustment**CARBURETOR (Cont'd)

Choke Rod Adjustment - With fast idle screw on second step of cam, next to high step, bend choke lever tang to obtain a clearance of .052" (gauge BT-68 (8610) (gauge BT-120 (9600-01)) between upper edge of choke valve and dividing wall of air horn.

Unloader Adjustment - .115" (gauge BT-90) (8610), .150" (gauge BT-119) (9600-01) between upper edge of the choke valve and the dividing wall of air horn, with throttle valves wide open.

Fast Idle Adjustment - .032" (8610); .020" (9600); .030" (9601) between primary throttle valve and bore, opposite idle adjusting needles, with fast idle screw against high step of cam. Fast idle on car, engine running, 1700 R.P.M. in neutral with fast idle screw on high step of cam.

Secondary Throttle Lockout Adjustment - .015" between lockout lever and fast idle cam, with choke valve partially closed, to allow free movement of cam when secondary throttle valves are closed.

Secondary Contour Clearance Adjustment - .015" between lockout lever and fast idle cam, with choke valve fully open and secondary throttle valves partly open to allow free movement of the secondary valve shaft.

Idle Engine Speed - Slow Idle 400 R.P.M. in drive (Automatic Transmission).

MISCELLANEOUSVALVES

VALVE CLEARANCE - Automatic Take-Up
VALVE TIMING - Inlet valves open at 14° before top dead center.

COOLING SYSTEM

Capacity - 26 Quarts (U.S. Measure)
Thermostat - Opens at 167° - 173° Standard
177° - 182° High Opening
Pressure Cap - 12 lbs.

WINDSHIELD WIPER

Windshield Wiper - TRICO
Service Motor No. CPD-1-3 (Early)
No. CPD-2-1 (Late)
Wiper Arm (Driver side) 88811-2C
(Pass. side) 88810-2C
Blades (Both sides) RB-12-2 or PR-12-2
Linkage (Driver side) G-88731-1C
(Pass. side) G-88730-1C

ADDITIONAL SPECIFICATIONS

Gauges - KING-SEELEY
Temperature Gauge - Dash Unit No. 49516
Motor Unit No. 44235
Oil Pressure Gauge - Dash Unit No. 49512
Motor Unit No. 44000
Gasoline Gauge - Dash Unit No. 49506
Tank Unit No. 44517
Ammeter - No. 49520
Voltage Regulator for Gauges - No. 45677
Speedometer - KING-SEELEY No. 49526
Crankcase Capacity - 5 Quarts (U.S. Measure)
Recommended Tire Pressure -
Cold - 24 lbs. front and rear
Ignition Lock - BRIGGS & STRATTON
Key Series P1251 - P1500
Key Blank Part No. 42106
Lock Part No. 50184

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.