

PLYMOUTH Six 1955

P-26-1 PLAZA P-26-2 BELVEDERE
P-26-3 SAVOY (U.S. & CANADA)
P-26-4 (CANADA ONLY)



A. E. A. TUNE-UP SYSTEM



Standards of Adjustment

Automotive Electric Association

ISSUED JUNE 1955

FORM NO. PL-50

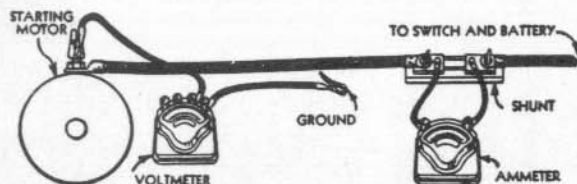
BATTERY

WILLARD - (U.S.)
Type HDW-1-100 (Northern Area) 100 Amp. Hour (Northern)
Type SW-1-90 (Southern Area) 90 Amp. Hour (Southern)
(20 hr. rate)

CHRYCO - (CANADA)
P-26-1, P-26-2 105 Amp. Hour
P-26-4 120 Amp. Hour

Positive terminal grounded

STARTING MOTOR



AUTO-LITE - No. MCH-6305 (U.S.)
No. MCL-6204 (Canada)

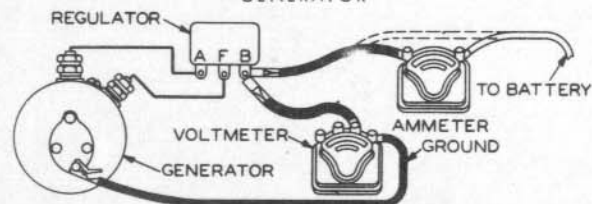
Bendix Drive - AUTO-LITE No. EBB-20; BENDIX No. A-3274

FREE RUNNING SPEED:
(U.S.) 4300 Min. R.P.M. 65 Max. Amps. 5.0 Volts
(Canada) 4900 Min. R.P.M. 65 Max. Amps. 5.0 Volts

LOCK TORQUE (Stalled) -
(U.S.) 6.0 Min. Ft. Lbs. 335 Max. Amps. 2.0 Volts
(Canada) 8.0 Min. Ft. Lbs. 410 Max. Amps. 2.0 Volts

CONTROL - Starting Switch Part No. SST-4006 - SST-4013(Powerflite)

GENERATOR



AUTO-LITE - No. GGW-6001J
No. GGW-6016A (Power Steering)
No. GGW-6016E (Canada) (Power Steering)

Maximum Controlled Output -
Hot - 45 Amps. 8.0 Volts at 2350-2550 R.P.M. Generator
Cold - 45 Amps. 8.0 Volts at 1925-2125 R.P.M. Generator

Brush Spring Tension - 35 - 53 oz. with new brushes.
Rotation - Clockwise (viewing drive end)

GENERATOR REGULATOR

AUTO-LITE No. VBE-6001A (Early) VBE-6201A (Late)

Cut-Out Relay - Armature air gap .031" - .034". Contact point gap .015" minimum. Contacts close 6.3 to 6.8 volts. Contacts open 4.1 to 4.8 volts.

Current Regulator - Armature air gap .048" - .052". Operating current - after 15 minutes operation at 10 amperes:

Temp. F.	40°	60°	70°	80°	100°
Amps.	54 max.	52 max.	51 max.	50 max.	48 max.

Operating current - after additional 15 minutes operation at maximum output:

Amps.	46-50	44-48	43-47	42-46	40-44
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GENERATOR REGULATOR - Continued

Voltage Regulator - Armature air gap .048" - .052". Operating voltage while charging at 10 amperes. (Allowable variation \pm .15 volts after 15 minutes operation at 10 amps.):

Temp. F.	50°	60°	70°	80°	90°	100°	110°	120°
Volts	7.34	7.29	7.25	7.21	7.16	7.12	7.08	7.04

COMPRESSION

VALVE CLEARANCE - Engine Hot - Intake - .008" (Canada)
Intake - .010" (U.S.)
Exhaust - .010" (U.S. & Canada)

VALVE TIMING - Inlet valves open at 12° before top dead center.
TAPPET LASH for timing: .014" (Cold)

SPARK PLUGS

AUTO-LITE Type 4S-140 Gap .035" Size 14mm.

IGNITION COIL

AUTO-LITE No. CR-6012C Servicing Coil No. CR-6012C
Mounting Bracket On Coil

DISTRIBUTOR



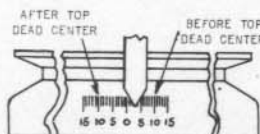
AUTO-LITE No. IAT-4101B (U.S.)
No. IAT-4012 (Canada)

Firing Order - 1-5-3-6-2-4
Cam Angle - 39° \pm 3°
Breaker Contact Gap - .020"
Breaker Contact Set Part No. IGW-3028B5
Breaker Arm Spring Tension - 17 - 20 oz.
Condenser - Part No. IAT-3076RA
Capacity .25 - .28 Mfds.

Vacuum Control - (U.S.) No. IAT-2023RG 4-3/4" hg. to start plunger travel; 8° distributor advance at 14" hg. - max.
(Canada) No. IAT-2023RJ 5" hg. to start plunger travel; 9° distributor advance at 15" hg. max.

Automatic Advance - (U.S.) Start 0° at 400 R.P.M.; Intermediate 4° at 875 R.P.M.; Maximum 8° at 1350 R.P.M. (Canada) Start 0° at 350 R.P.M.; Intermediate 5° at 800 R.P.M.; Maximum 10° at 1425 R.P.M. (Distributor degrees at distributor R.P.M.)

IGNITION TIMING



USE TIMING LIGHT -

Breaker contacts to open at 2° before top dead center.
Timing mark on fan drive pulley. (U.S.)
Timing mark on crankshaft pulley. (Canada)

FUEL PUMP

AUTO-LITE - No. FA-4005
Capacity - 1-1/2 pints or over in 1 minute.
Pressure - 2-1/4 lbs. min.; 2-3/4 lbs. max.

CARTER - M2242S
Capacity - 2 pints in 1 minute at 500 R.P.M.
Pressure - 3-1/2 lbs. min; 5 lbs. max.
Vacuum Test - 10" hg. min. at 500 R.P.M.

CARBURETOR

CARTER - 2063SA (Standard Transmission)
2062SA (Standard Trans. W/Overdrive)
2116SA (Power Flite)

CARBURETOR - Continued

Float Level - Distance from top surface of body casting to top of each float 7/32".

Fixed Jets -
Main Metering Jet Assembly Part No. 120-1995

Fast Idle Adjustment - There should be .022" - .026" clearance between throttle valve and bore of carburetor (side opposite idle port).

Pump Adjustment - Distance from top of bowl cover to top of plunger shaft should be 5/64".

Unloader Adjustment - Hold throttle valve wide open and close choke valve as far as possible without forcing. There should be 9/64" clearance between upper edge of choke valve and inner wall of air horn.

Idle Engine Speed - Idle between 450-500 R.P.M. in neutral.

COOLING SYSTEM

Capacity - 13 Quarts without heater (U.S.)
12 Quarts without heater (Canada)

Thermostat - Opens at 160° - 165° F. (U.S.)
Opens at 157° - 162° F. (Canada)

WINDSHIELD WIPER - HORNS

Windshield Wiper - AUTO-LITE
Service Motor No. EMU-4101 (single speed)
Linkage (Driver side) No. EMU-1071L
(Pass. side) No. EMU-1071R

Service Motor No. EMZ-4001 (Variable speed)
Linkage (Driver side) No. EMZ-1071L
(Pass. side) No. EMZ-1071R

Pivot - Part No. EMU-1085

Horns - AUTO-LITE
No. HAB-4701 low pitch
No. HAB-4702 high pitch
Horn Relay - AUTO-LITE - No. RAF-4001

ADDITIONAL SPECIFICATIONS

Gauges - AUTO-LITE
Temperature Gauge - Dash Unit No. 13752A
Motor Unit No. 13550A

Oil Pressure Gauge - No. 13751A

Gasoline Gauge - Dash Unit No. 13753A
Tank Unit No. 13794A
Dash Unit No. 13754A (Suburban)
Tank Unit No. 13905A (Suburban)

Ammeter - No. 13750A

Speedometer - AUTO-LITE - No. 13739A
Cable No. SPS-2181H - 62"
No. SPS-2181J - 67" (Overdrive)

Crankcase Capacity - 5 Quarts (U.S. Measure)
4 Quarts (Imperial Measure)

Recommended Tire Pressure -
Cold - 24 lbs. front; 24 lbs. rear

Ignition Lock - BRIGGS & STRATTON
Key Series 1CB - 500CB
Key Blank Part No. 32546
Lock - Part No. 600346

SERIAL NUMBER - Left front door hinge post.
13,835,001 and up (Detroit)
20,745,001 and up (Evansville)
25,180,001 and up (Los Angeles)
95,528,601 and up P-26-1 (Canada)
96,088,101 and up P-26-2 (Canada)
96,800,001 and up P-26-4 (Canada)