

# PACKARD Eight 1955

MODEL 5560 CLIPPER CUSTOM  
MODEL 5580



## A. E. A. TUNE UP SYSTEM



## Standards of Adjustment

### Automotive Electric Association

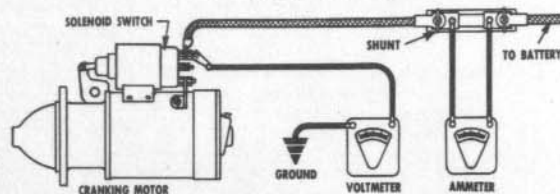
ISSUED JUNE 1955

FORM NO. PA-77

### BATTERY AND CABLES

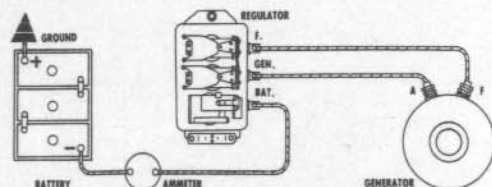
AUTO-LITE Type 3EA-60-R3  
WILLARD Type HDW-3KM-60 Capacity - 60 Amp. Hour (20 hr. rate)  
Positive terminal grounded  
CABLES - PACKARD - Battery to Ground Cable - Length 19-1/4"; Part No. 1L-23 or 1U-23. Battery to Switch Cable - Length 27-1/4"; Part No. 1L-38 or 1U-38.

### STARTING MOTOR



DELCO-REMY No. 1107635  
Drive - Overrunning Clutch Part No. 1927200  
FREE RUNNING SPEED - 3500 R.P.M. 95 Amps. 10.1 Volts  
LOCK TORQUE (Stalled) - 10.5 Ft. Lbs. 470 Amps. 5.4 Volts  
CONTROL - Solenoid Switch No. 1119760

### GENERATOR



DELCO-REMY No. 1102022  
Brush Spring Tension - 28 oz.  
Cold Output:  
30 Amps, 14 Volts at approximately 2150 R.P.M. of generator  
Rotation - Clockwise (viewing drive end)

### GENERATOR REGULATOR

DELCO-REMY No. 1118953

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

### COMPRESSION

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

### SPARK PLUGS

CHAMPION Type H-10 Gap .033"-.037" Size 14mm.  
Use Round Wire Gauge

### IGNITION COIL

DELCO-REMY No. 1115084 Servicing Coil No. 1115084

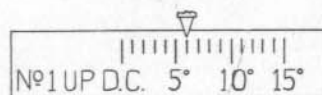
### DISTRIBUTOR



DELCO-REMY No. 1110854  
Firing Order - 1-8-4-3-6-5-7-2  
Breaker Contact Gap - .016" at 26° - 33° Cam Angle  
Breaker Contact Set Part No. 1918148  
Breaker Arm Spring Tension - 19 - 23 oz.  
Condenser - Part No. 1869704  
Capacity - .18 - .23 Mfds.  
Automatic Advance - Start 0° - 2° at 350 R.P.M.; Intermediate 11° - 13° at 1300 R.P.M.; Maximum 15° - 17° at 2100 R.P.M.

Vacuum Control - No. 1116093 5" - 7" hg. to start plunger travel;  
11.5" - 13.5" hg. maximum advance.

### IGNITION TIMING



USE TIMING LIGHT -  
Breaker Contacts to open at 6° before top dead center.  
Timing mark on vibration damper.

### FUEL PUMP

CARTER No. M21985  
Capacity - 2 pints or over in 1 minute  
Pressure - 3-1/2 lbs. min.; 5 lbs. max.  
Vacuum Test - 10" hg. min. at 500 R.P.M.

### AIR CLEANER

AC - No. 1551641 (Heavy Duty)

### CARBURETOR

ROCHESTER - No. 7007230  
Float Level - 1-5/8"  
Float Drop - Distance from air horn gasket to bottom of float to be 2-1/4"  
Fixed Jets - Primary Metering Jet Part No. 7002650  
Secondary Metering Jet Part No. 7002658  
Fast Idle Adjustment - With choke valve fully closed, turn fast idle screw against high step of fast idle cam to obtain clearance of .024" between throttle valve and bore, opposite idle adjusting needle.  
Unloader Adjustment - With choke cover set at index and choke trip lever in contact with choke counterweight lever, move throttle lever to full wide open position. Bend tang on fast idle cam to give clearance of .115" between top edge of choke valve and dividing wall of air horn.  
Pump Rod Adjustment - Back off fast idle and throttle stop screws so that throttle valves are tightly closed. With throttle lever in this position, bend pump rod to obtain dimension of 1-3/32" from top of air horn to bottom of pump plunger rod.  
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 .052" between upper edge of choke valve and wall of air horn.

### CARBURETOR - Continued

Idle Engine Speed - Idle engine at 400 - 450 R.P.M. in neutral (Standard Transmission); idle at 400 R.P.M. in drive (Automatic Transmission).

### COOLING SYSTEM

Capacity - 26 Quarts (U.S. Measure)  
Thermostat - In top of cylinder head. Opens at 167° - 173° Stand.; 177° - 182° High.  
Pressure Cap - 12 lbs.

### WINDSHIELD WIPER

Windshield Wiper - TRICO  
Service Motor No. CPD-1-3  
Wiper Arm (Driver side) 88861-2C (Clipper)  
(Driver side) 88811-2C (Packard)  
(Pass. side) 88860-2C (Clipper)  
(Pass. side) 88810-2C (Packard)  
Blades (Both sides) RB-12-2  
Linkage (Driver side) G-88731-1C  
(Pass. side) G-88730-1C

### ADDITIONAL SPECIFICATIONS

Gauges - KING-SEELEY  
Temperature Gauge - Dash Unit No. 46892  
Motor Unit No. 44235  
Oil Pressure Gauge - Dash Unit No. 46889  
Motor Unit No. 44000  
Gasoline Gauge - Dash Unit No. 46884  
Tank Unit No. 44517  
Ammeter - No. 46895  
Voltage Regulator for Gauges - No. 45677  
Speedometer - KING-SEELEY No. 48851  
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.