



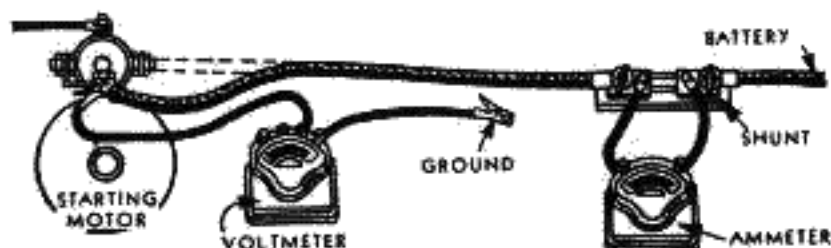
Standards of Adjustment

ELECTRICAL SYSTEM

6 & 12 VOLT BATTERY

AUTOLITE - No. 1M-100R (6 Volt)
Capacity - 100 Amp. Hour (20 Hour Rate)
No. 11HS-50 (12 Volt)
Capacity - 50 Amp. Hour
Negative terminal Grounded

STARTING MOTOR



AUTOLITE - MCH-6203 (6 volt); MDM-6005 (12 volt)
DELCO-REMY - 1108077 (6 volt); 1107746 (12 volt)
DRIVE - Bendix No. A-3281, Autolite No. EBB-19,
Delco No. 192266

FREE RUNNING SPEED -

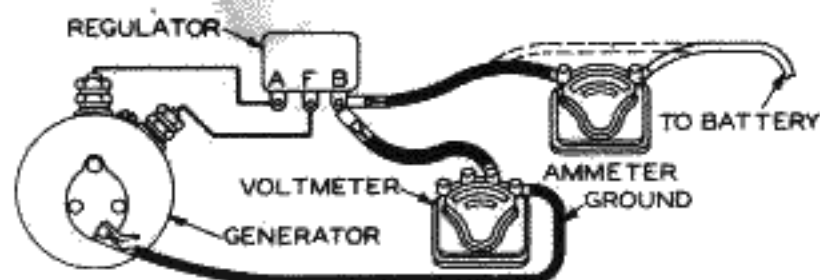
MCH	4300 Min. R.P.M.	65 Max. Amps.	5.0 Volts
MDM	4400 Min. R.P.M.	50 Max. Amps.	10.0 Volts
1108077	6000 Min. R.P.M.	60 Max. Amps.	5.0 Volts
1107746	6900 Min. R.P.M.	75 Max. Amps.	10.3 Volts

LOCK TORQUE (STALLED) -

MCH	6 Min. Ft. Lbs.	335 Max. Amps.	2.0 Volts
MDM	5 Min. Ft. Lbs.	210 Max. Amps.	4.0 Volts
1108077	15 Min. Ft. Lbs.	600 Max. Amps.	3.0 Volts
1107746	10.5 Min. Ft. Lbs.	435 Max. Amps.	5.8 Volts

STARTING SWITCH PART NO. 15-31 (6 Volt), 15-60 (12 Volt)

GENERATOR



AUTOLITE - No. GGW-4801D (6 V.) Early; GGW-7404A (6 V.)
No. GJP-7202A (12 V.) Early; GJP-7402A (12 V.)
DELCO-REMY - No. 1102832 (6 volt), 1102172 (12 volt)

MAXIMUM CONTROLLED OUTPUT -

GGW	45 Amps.	8.0 volts at	2125 Generator R.P.M.
GJP	35 Amps.	15.0 volts at	2600 Generator R.P.M.
1102832	45 Amps.	8.0 volts at	2350 Generator R.P.M.
1102172	30 Amps.	14.0 volts at	2240 Generator R.P.M.

BRUSH SPRING TENSION -

GGW 35-53 oz; GJP 18-36 oz; Delco 28 oz.

ROTATION - Clockwise (viewing drive end)

REGULATOR

AUTOLITE - No. 8-67 (GGW-6 volt), VBO-4201E (GJP-12 volt)
DELCO-REMY - No. A-607 (1102832 - 6 Volt)
No. A-600 (1102172 - 12 Volt)

CURRENT - VOLTAGE REGULATOR ADJUSTMENT -

AUTOLITE

Cut-out Relay - Armature air gap .025" to .027". Contact point gap .015" minimum. Contacts close 6.3 to 6.7 Volts (8-67), 12.4 to 13.3 (VBO); open 3.0 to 5.0 amps. (VBO), 4.0 to 6.0 amps. (8-67); discharge after a charge of 10 amps. (8-67), 7 amps. (VBO).

Current Regulator - Armature air gap .048" to .052".
Operating current, after 15 minutes operation:

Temp. F.	50°	70°	90°	110°	130°
(8-67) Amperes	47 ± 2	45 ± 2	43 ± 2	41 ± 2	39 ± 2
(VBO) Amperes	37 ± 2	35 ± 2	33 ± 2	31 ± 2	29 ± 2

Voltage Regulator - Armature air gap .048" to .052".
Operating voltage, after 15 minutes operation:

Temp. F.	50°	80°	110°	140°
(VBO) Volts	14.7 ± .3	14.5 ± .3	14.3 ± .3	14.1 ± .3
(8-67)	7.3 ± .2	7.2 ± .2	7.1 ± .2	7.0 ± .2

DELCO

	Cut-Out Relay	Current Regulator	Voltage Reg.
Air Gap	.020"	.075"	.075"
Point			
Opening	.020"		
Adjusting			
Specs.			
A-600	11.8-13.5 Vts*	27-33 Amps.*	13.8-14.8 Vts*
A-607	5.9- 6.7 Vts*	42-47 Amps.*	6.9- 7.4 Vts*

* At 125° F. regulator ambient temperature.

DISTRIBUTOR

AUTOLITE - No. 1AY-4401; DELCO-REMY - No. 1112432

Breaker Contact Gap - 20 ± 2°

Cam Angle (AL) 39° ± 3°, (DR) 25° - 34°

Breaker Contact Set - Part No. (AL) 1-45; (DR) 1855720
(see below) 1*

Breaker Arm Spring Tension - (AL) 17-20 oz; (DR) 19-23 oz.

Condenser - Part No. (AL) 2-32 (see below) 2*; (DR) 1869704

Capacity - .25 - .28 Mfd.

Rotation - Counter clockwise (viewed from top of distributor)

Automatic Advance -

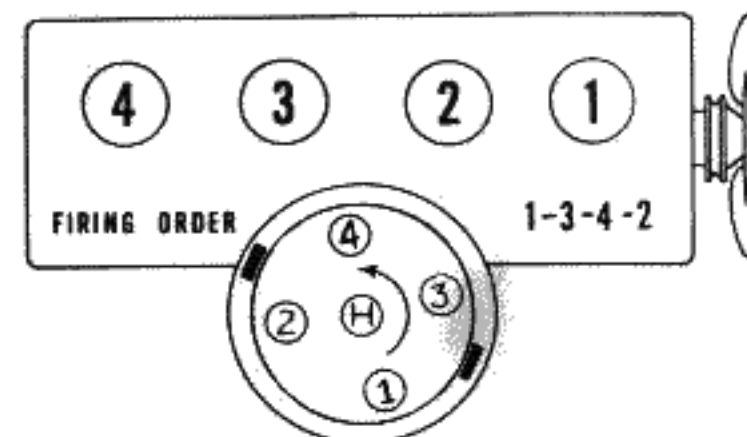
(AL) Start 0° at 300 R.P.M., Intermediate 6° at 1050 R.P.M.,
Max. 11° at 1700 R.P.M.

(DR) Start 0° at 425 R.P.M., Maximum 10° - 12° at 1950 R.P.M.

1* Pre-assembled Set 1944374 can also be used.

2* 2-34 Lead Type Condenser can also be used.

DISTRIBUTOR (Cont'd.)



ENGINE COMPRESSION - 115 to 145 lbs.

SPARK PLUGS

AUTOLITE - Type A-7 Gap .030" Size 14mm.

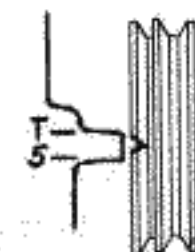
Use Round Wire Gauge

IGNITION COIL

AUTOLITE -
SERVICING COIL - No. 5-8 (6 Volt); 5-10 (12 Volt)

Mounting Bracket No. 32-1

IGNITION TIMING



USE TIMING LIGHT -

Breaker points to open
5° before top dead
center. Timing mark
on timing gear cover
and crankshaft pulley.

FUEL SYSTEM

FUEL PUMP

CARTER - No. M21955

Capacity - 2 Pints or over in 1 minute

Pressure - 3-1/2 lbs. Min.; 5-1/2 lbs. Max.

Vacuum Test - 10" hg. min. at 500 R.P.M.