

FORD Eight 1955

MAINLINE, CUSTOMLINE, FAIRLANE



A. E. A. TUNE UP SYSTEM



Standards of Adjustment Automotive Electric Association

ISSUED JUNE 1955

FORM NO. FO-39

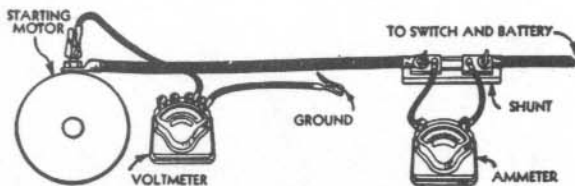
BATTERY AND CABLES

FORD No. FDA-10655-A Capacity - 90 Amp. Hour
(20 hr. rate)

Positive terminal grounded

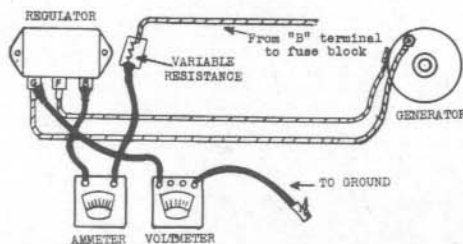
CABLES - PACKARD - Battery to Ground Cable - Length 21-1/4"
Part No. 1U-23 or 1L-23, Battery to Switch Cable - Length 17-1/2";
Part No. 1U-19 or 1L-19, Switch to Starter Cable - Length 25-1/2";
Part No. SS-32.

STARTING MOTOR



FORD No. FAC-11001-J
Bendix Drive - FORD No. 1CM-11350-C; BENDIX No. A-3257
FREE RUNNING SPEED - 3000 - 5000 R.P.M., 70 Max. Amps, 6.0 Volts
LOCK TORQUE (Stalled) - 16 Ft. Lbs., 700 Max. Amps, 3.5 Volts

GENERATOR



FORD No. FAT-10000-A
Brush Spring Tension - 30 oz.
Maximum Rated Output:
Cold - 35 Amps, 7.1 Volts at 1700 R.P.M. of Generator
Rotation - Clockwise (viewing drive end)

GENERATOR REGULATOR

FORD No. FAC-10505-A1, FAC-10505-A2
Cut-Out Relay - Close 6.0 - 6.6 volts; open 0 - 8 amps, reverse current.
Current Regulator - 34 - 36 amps.
Voltage Regulator - 7.4 to 7.8 volts with 10 amp. load in 70°-80° F. ambient temperature.

COMPRESSION

VALVE CLEARANCE - Engine Cold - Intake .019"
Exhaust .019"
VALVE TIMING - Inlet valves open at 12° before top dead center.

NOTE: The SYMBOL "hg." used on this chart designates "Inches Vacuum" (mercury).

SPARK PLUGS

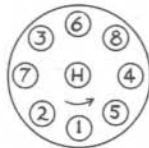
CHAMPION Type 870 Gap .035" Size 18mm.

IGNITION COIL

FORD No. 88A-12029 Servicing Coil No. 88A-12029
Mounting Bracket No. 88A-12043

DISTRIBUTOR

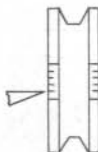
FORD No. FDJ-12127-C1, FDJ-12127-C2
HOLLEY Model 1275 Part No. D-1014AS
Firing Order - 1-5-4-8-6-3-7-2
Breaker Contact Gap - .014" - .016"
Breaker Contact Set - HOLLY Part No. 76D-35AS
Breaker Arm Spring Tension - 17 - 20 oz.
Condenser - FORD Part No. FAB-12300-A
HOLLEY Part No. 86D-50AS
Capacity - .21 - .25 Mfd.



Vacuum Control - HOLLEY Part No. 35D-80A
Distributor advance full vacuum controlled. Spark advance must be set within the following limits:

Distributor R.P.M.	"Hg.	Degree Advance
200	0	.5
500	.40	3.00 - 4.25
1000	1.58	9.25 - 10.50
1500	3.13	12.75 - 14.00
2000	4.60	15.25 - 16.50
1500	4.70	15.25 - 16.75

IGNITION TIMING



Breaker points open 6° before top dead center. Timing mark on vibration damper.

AIR CLEANER

HOUDAILLE-HERSHEY No. 626990 (Dry Type)
No. 627500 (Bath Type)

Original equipment service parts and accurate work to manufacturers' specifications with proper tools and equipment will restore original performance.

CARBURETOR

HOLLEY 2100-DD No. R-950-2 (Standard transmission)
2100-DD No. R-950-3 (Automatic transmission)

Fuel Level - 5/8" from upper surface of main body (taken in open vessel) at 4-1/2 pounds fuel pressure.

Fixed Jets - Main Jet Part No. 22R-40-57
Idle Tube Part No. 14R-315A
Economizer Valve Part No. 25R-13A

Accelerating Pump Adjustment -
Pump link in No. 2 position. (Automatic transmission)
Pump link in No. 3 position. (Standard transmission)

Dashpot Adjustment - Idle engine at 475 R.P.M. with transmission in neutral. Clearance of .045" - .064" to be maintained between adjusting screw and plunger when compressed to solid height.

Idle Engine Speed - Idle at 475 R.P.M. (Standard transmission);
Idle at 420 R.P.M. (Automatic transmission)

COOLING SYSTEM

Capacity - 19 Quarts, without heater (U.S. Measure)

Thermostat - In cylinder head at outlet connection.
Opens at 157° - 162° F.

WINDSHIELD WIPER

TRICO -
Service Motor No. CPH-12-5
Wiper Arms - (Both sides) AL-150 (Early)
(Driver side) 88792-5C (Late) Clo., Sta. Wagon
(Driver side) 88792-6C (Late) Hardtop., Conv.
(Pass. side) 88793-5C (Late) Clo., Sta. Wagon
(Pass. side) 88793-6C (Late) Hardtop., Conv.

Blade (Both sides) RB-12 (Early)
(Both sides) RB-12-2 (Late)
Linkage (Driver side) H-88397-3
(Pass. side) H-88397-2

ADDITIONAL SPECIFICATIONS

Gauges - KING-SEELEY
Temperature Gauge - Dash Unit No. FDH-10883-A
Motor Unit No. FAD-10884-A
Oil Pressure Switch - No. FDA-9278-A
Gasoline Gauge - Dash Unit No. FDH-9280-A
Tank Unit No. FDH-9275-A
No. FDH-9275-D (Station Wagon)

Speedometer -
KING-SEELEY No. 48610
STEWART-WARNER No. 565-CS
Inner Core - No. R-59 - 59-15/16" (Standard Transmission)
No. R-62 - 62-15/16" (O/D & Auto. Transmission)

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

Recommended Tire Pressure -
Cold 26 lbs. front; 23 lbs. rear

Ignition Lock - BRIGGS & STRATTON
Key Series FLO00 - FL999
Key Blank Part No. 32616
Lock Part No. 601094

Ignition Lock - HURD
Key Series FLO00 - FL999
Key Blank Part No. 44-662
Lock Part No. 44-703

SERIAL NUMBER - On right front door pillar post