

FORD Six 1955

MAINLINE & CUSTOMLINE



A. E. A. TUNE-UP SYSTEM



Standards of Adjustment Automotive Electric Association

ISSUED JUNE 1955

FORM NO. FO-38

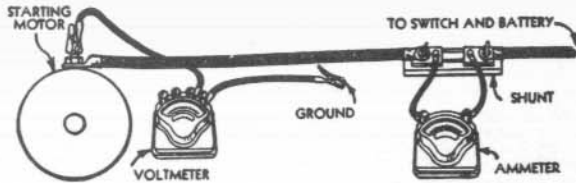
BATTERY AND CABLES

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

Positive terminal grounded

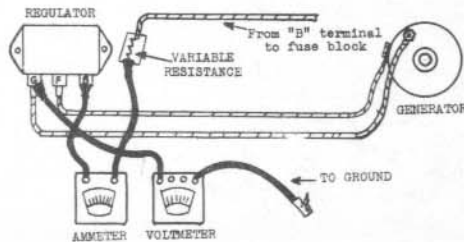
CABLES - PACKARD - Battery to Ground Cable - Length 15"; Part No. 1U-19 or 1L-19. Battery to Switch Cable - Length 18"; Part No. 1U-19 or 1L-19. Switch to Starter Cable - Length 28-1/2"; Part No. 5S-32.

STARTING MOTOR



FORD - No. FAC-11001-J
Bendix Drive - FORD No. ICM-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. FAA-10000-A
Brush Spring Tension - 30 oz.
Maximum Controlled 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 or A2
Cut-Out Relay - Close 6.0 to 6.6 volts; open 0 - 8 amps. reverse current.
Current Regulator - 34 - 36 amps.
Voltage Regulator - 7.4 to 7.8 volts with 10 amps. load in 70°-80°F. ambient temperature.

COMPRESSION

VALVE CLEARANCE - Intake - .015" Engine Hot
Exhaust - .019"
VALVE TIMING - Inlet valves open at 13° before top dead center.

CHAMPION Type 870 SPARK PLUGS
Gap .035" Size 18mm.

IGNITION COIL

FORD No. 88A-12029 Servicing Coil No. 88A-12029
Mounting Bracket No. 7HA-12043-C

HIGH TENSION CABLE

Ignition Cable Set - PACKARD No. 446E

DISTRIBUTOR

FORD No. FDH-12127-A
HOLLEY Model 1272-5 No. D-1013-AS

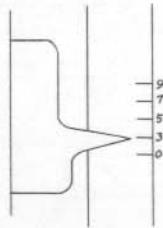


Firing Order - 1-5-3-6-2-4
Breaker Contact Gap - .024" - .026"
Breaker Contact Set - HOLLEY Part No. 76D-136AS
Breaker Arm Spring Tension - 17 - 20 oz.
Condenser - HOLLEY Part No. 86D-38817-5
Capacity - .21 - .25 Mfd.
Vacuum Control - HOLLEY Part No. 35D-98A

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	.5	3.50 - 4.50
1000	1.8	7.00 - 8.00
1500	3.8	9.75 - 10.75
2000	6.0	11.50 - 13.00
1500	6.5	12.50 - 14.00

IGNITION TIMING



Breaker contacts to open for
No. 1 cylinder at 3°
before top dead center.
Timing mark on vibration
damper.

AIR CLEANER

HOUDAILLE-HERSHEY No. 626670 (Dry type)

CARBURETOR

HOLLEY No. 1904-F No. R-800-A (Standard transmission).
No. 1904-F No. R-826-A (Automatic transmission)
Fuel Level - 11/16" from outside top surface of main body to fuel level, measured through Econimizer opening at 4-1/2 pounds fuel pressure.
Fixed Jets - Main Jet Part No. 22R-40-66
Fast Idle Adjustment - Controlled by fast idle cam.
Accelerating Pump Adjustment -
Pump Link in No. 1 position.

CARBURETOR - Continued

Dash Pot Adjustment - (Automatic Transmission)
Adjust idle with warm engine, transmission in neutral.
Clearance of .045" - .064" to be maintained between plunger stem and adjusting screw when compressed to solid height.
Idle Engine Speed - (Standard Transmission) 475 - 500 R.P.M.
(Automatic Transmission) 450 - 475 R.P.M.

COOLING SYSTEM

Capacity - 15 Quarts, (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 - STEWART-WARNER
No. R-59 - 59-15/16" (Standard Transmission)
No. R-62 - 62-15/16" (O/D and Auto. Transmission)
Crankcase Capacity - 4 Quarts (U.S. Measure)
Recommended Tire Pressure -
Cold - 26 lbs. front; 23 lbs. rear
Ignition Lock - BRIGGS & STRATTON
Key Series FLO00 - FL999
Key Blank No. 32616
Lock Part No. 601094
Ignition Lock - HURD
Key Series FLO00 - FL999
Key Blank No. 44-662
Lock Part No. 44-703
SERIAL NUMBER - On right hand front door post.

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.