

4-68 1974-79 DISTRIBUTORS & IGNITION SYSTEMS

Motorcraft Single Breaker Point Distributors

Ford Motor Co.: 1978 Courier (1800cc)

DESCRIPTION

Distributor is of single breaker design. Breaker plate assembly consists of a fixed lower plate, with breaker points mounted on movable upper plate. Centrifugal advance is conventional type with weights and springs. Vacuum advance is controlled by a vacuum diaphragm unit mounted on distributor housing and linked to movable portion of breaker plate assembly.

SPECIFICATIONS

POINT GAP & DWELL ANGLE

See appropriate article in TUNE-UP PROCEDURES section.

CENTRIFUGAL & VACUUM ADVANCE

See appropriate DISTRIBUTOR ADVANCE SPECIFICATIONS table in this section.

ADJUSTMENT

POINT GAP & DWELL ANGLE

With rubbing block on high point of cam lobe, insert a feeler gauge blade between contacts. Check reading against specification. To correct, loosen retaining screw and move stationary contact point until

correct gap is obtained, then tighten screw. Align points if necessary by bending stationary contact support only. Check dwell angle and compare indicated reading with specifications. Correct dwell if necessary.

BREAKER ARM SPRING TENSION

To check spring tension, place hook end of spring scale as close as possible to the movable breaker point. Pull scale at a right angle (90 degrees) to the movable arm and note reading just as points begin to open.

OVERHAUL

DISASSEMBLY

1) Remove terminal cover retainer and cover. Remove rotor and condenser. Remove breaker points and primary terminal block. Remove "C" clip securing vacuum advance diaphragm link to breaker plate. Remove cam attaching screw, vacuum diaphragm attaching screws, and reinforcing plate.

2) Remove distributor cap clamps. Disconnect link from breaker plate and remove diaphragm. Lift breaker plate and subplate from housing. Remove cam, unhook springs from weights and remove weights and springs.

REASSEMBLY

Reassemble distributor in reverse order of disassembly. Lubricate all pivot pins, shafts, cam, and lubricating wick with suitable lubricant.

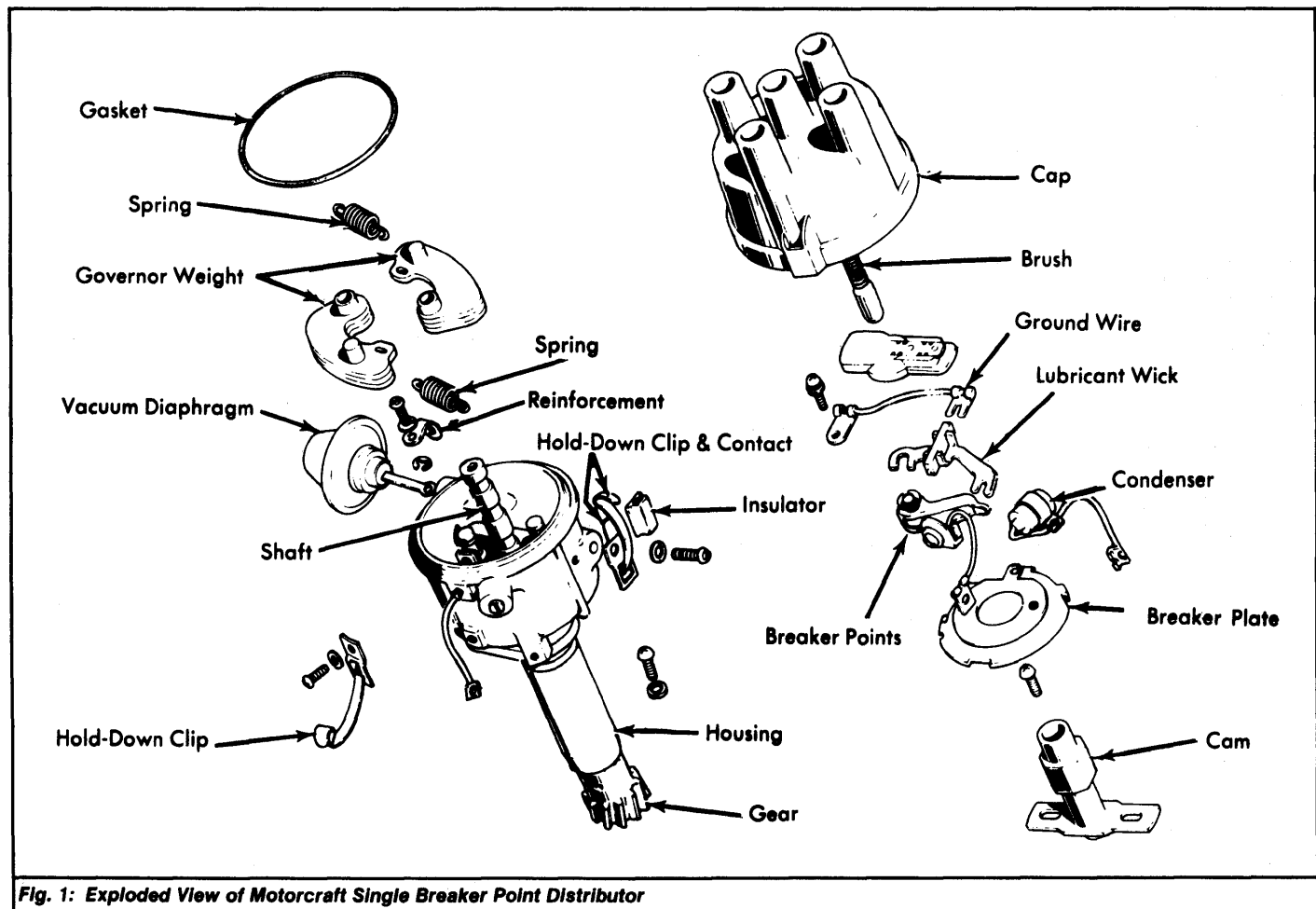


Fig. 1: Exploded View of Motorcraft Single Breaker Point Distributor