

SECTION P

ELECTRICAL AND INSTRUMENTS

DISTRIBUTOR

From Engine No. 7E2459 a waterproof cover is incorporated in the distributor assembly, located between the distributor cap and body. This cover is

detachable after removing the distributor cap and disconnecting the cable from the contact breaker spring post.

DATA

Ignition Distributor Type	22D6
8 to 1 Compression Ratio	41060A
9 to 1 Compression Ratio	41060A
Cam dwell angle	34° ± 3°
Contact breaker gap	0.014"–0.016" (0.36–0.41 mm.)
Contact breaker spring tension (Measured at free contact)	18–24 ozs. (512–682 gms.)

IGNITION TIMING

8 to 1 Compression Ratio	9° BTDC
9 to 1 Compression Ratio	10° BTDC

IGNITION DISTRIBUTOR TEST DATA

			VACUUM TIMING ADVANCE TESTS			CENTRIFUGAL TIMING ADVANCE TESTS					
			The distributor must be run immediately below the speed at which the centrifugal advance begins to function to obviate the possibility of an incorrect reading being registered.			Mount distributor in centrifugal advance test rig and set to spark at zero degrees at 100 r.p.m.					
Distributor Type	Lucas Service Number	Lucas Vacuum Unit Number	Vacuum in inches of mercury and advance in degrees		No advance in timing below-ins. of mercury	Lucas Advance Springs Number	Accelerate to-RPM and note advance in degrees		Decelerate to-RPM and note advance in degrees		No advance in timing below-RPM
			Inches	Degrees			RPM	Degrees	RPM	Degrees	
22 D6	41060A	54415894	20 13 9 7½ 6	7–9 6–8½ 2½–5½ 0–3 0–½	4½	55415562	2,300	8½–10½	1800 1250 800 650 525	8½–10½ 6½–8½ 5–7 2–4 0–1½	300
Auto advance weights Lucas number 54413073.						One inch of mercury = 0.0345 kg/cm²					