

BRIEF REPAIR DATA

Complete Repair Data in Motor's Auto Repair Manual

TUNE UP DATA		REPAIR DATA		LUBRICATION & CAPACITIES	
TAPPET CLEARANCE for Running, Intake		1936 Series 60,80,90	5/8 - 7/8	1941-46 .....	.015
1936-46 .....	.015 Hot	1937 Series 40	1/2 - 1	BRAKE SHOE	
TAPPET CLEARANCE for Running, Exhaust		1937 Series 60,80,90	1 - 1 1/2	Clearance, Heel	
1936-46 .....	.015 Hot	1938-39 Series 40	3/8 - 1	1936-40 .....	.010
TAPPET CLEARANCE for Valve Timing, Intake #2		1938-39 Series 60,80,90 ..	1 1/4	1940-46 .....	.015
1936-46 .....	.015	1940-41	1 1/4		
VALVE TIMING		1942 Series 40 (1 carb.)	1/2-1 1/2		
Note -With No. 1-8 FDC		1942-46 except 1942			
Mark visible at fly-wheel hole, #2 exhaust should be open to the following clearances:		Series 40 (1 carb.)	1 1/4		
1936 Series 40 .....	.150	PISTONS & RODS are removed			
1936-46 Series 60,70,80,90.	.155	From Above			
1937-46 Series 40,50 .....	.145	COMPRESSION RING			
TIMING MARK LOCATION		Gap Clearance			
1936-46	Flywheel	1936-46 .....	.010-.020	ENGINE OIL Capacity, Refill Quarts	
COMPRESSION PRESSURE at Cranking Speed		OIL RING GAP CLEARANCE			
1936 Series 40	96	1936-46 .....	.010-.020	1936-42 Series 60,70,80,90	
1936 Series 60,80,90	94	COMPRESSION RING Groove Clearance			
1937 Series 40	97	1936-46 .....	.0015-.003	1940-41 Series 50	
1937 Series 60,80,90	100	OIL RING Groove Clearance			
1938-39 Series 40	112	1936-46 .....	.0015-.003	1942-46 Series 40,50	
1938-39 Series 60,80,90 ..	113	CONNECTING ROD Bearing Clearance			
1940 Series 40,50	112	1936-46 .....	.0008-.0018	ENGINE OIL, S.A.E. No.	
1940 Series 60,80,90	114	MAIN BEARING Clearance			
1941-46 Series 40	118	1936-41 .....	.0007-.0022	1936-37 (S)	
1941-46 Series 50	120	1942-46 .....	.0007-.0025	1936-37 (W)	
1941-46 Series 60,70,90 ..	122	WHEEL ALIGNMENT			
BREAKER GAP, Inches		TOE-IN, Inches			
1936-37 .....	.015	1936	1/16 - 1/8	REAR AXLE CAPACITY	
1938-46 .....	.0125-.0175	1937-46	0 - 1/16	Lbs. or Pints.	
SPARK TIMING		CASTER, Degrees			
1936-46	Adv Mark	1936 Series 40	3 to 3 1/2	1936 Series 40	
CAM ANGLE, Degrees		1936 Series 60,80	1 3/4 to 2 1/4	1936 Series 60,80	
1936-46	31	1936 Series 90	3/4 to 1 1/4	1936 Series 90	
SPARK PLUG GAP, Inches		1937 Series 40,60	1/4 ± 3/8	1937-46 except Series 80,90	
1936-37 .....	.025	1937 Series 80,90	0 ± 3/8	1937-42 Series 80,90	
1938-46 .....	.023-.028	1938-39	-7/8 ± 3/8	REAR AXLE OIL	
SPARK PLUG, Make & Model		1940 Series 40,50,60,70.	+3/8 ± 3/8	S.A.E. No.	
1936	A.C. H-9	1940 Series 80,90	-7/8 ± 3/8	1936-37 (S)	
1937	A.C. H-9	1941-46	+3/8 ± 3/8	1936-37 (W)	
1938-40	A.C. 46	CAMBER, Degrees			
1941	A.C. 104	1936	-1/4 to + 3/4	1938-46	
1942	A.C. 46	1937-40	-1/4 to +1	90 H.Y.	
1946	A.C. 48	1941-42 Series 40,50		FUEL TANK CAPACITY,	
FIRING ORDER		60,70	+3/8 ± 3/8	Gallons	
1936-46	1-6-2-5-8-3-7-4	1941 42 Series 90	-3/8 to + 7/8	1936 Series 40,60	
CARBURETOR IDLE, Turns to Open		1946	-1/8 to + 1 1/8	1936 Series 80,90	
1936 Series 40	1 3/8 - 1 5/8	CLUTCH & BRAKE			
CLUTCH FREE Pedal Travel, Inches		CAPACITY, Qts.			
1936-46	3/4 - 1	1936-40 Series 40			
BRAKE SHOE Clearance, Toe		1936-40 Series 60,70,			
1936-40 .....	.010	80,90			
		1941 Series 40,50			
		1941 Series 60,70			
		1941 Series 90			
		1942-46 Series 40,50			
		1942-46 Series 60,70,90			