

MAKE	MODEL	YEAR		ENGINE INFO					CARBURETTOR (PETROL & VAP OIL ENGINES)					
		FROM	TO	CYLINDER BORE	CYLINDER STROKE	CAPACITY	FIRING ORDER	OIL PRESS (HOT)	TYPE	CHOKE	MAIN	COMPENSATING	ECONOMY	SLOW RUNNING
Hudson	Minx and Estate Car	1949	1951	65mm	95mm	1265cc	1,3,4,2,	40 to 50 lb/sq.in	Solex 30 FAI	21	139cc	pilot 45	starter GS120	correction 200
Hudson	16.9 HP	1939	1939	67.45mm	127mm	2723cc	1,5,3,6,2,4,	warning light (hot)	Carter single D/D	manual	Idle adjustment From 1/4 to 1 full turn open			
Hudson	16.9 HP	1940	1940	67.45mm	127mm	2723cc	1,5,3,6,2,4,	warning light (hot)	Carter single D/D	manual	Idle adjustment From 1 full turn to 1 and 1/2 turns open			
Hudson	21.6 HP	1936	1936	76.2mm	127mm	3455cc	1,5,3,6,2,4,	warning light (hot)	Carter single D/D	automatic	Idle adjustment From 1 full turn to 1 and 1/2 turns open			
Hudson	21.6 HP	1937	1937	76.2mm	127mm	3455cc	1,5,3,6,2,4,	warning light (hot)	Carter dual D/D	automatic	Idle adjustment From 1/4 to 1 full turn open			
Hudson	21.6 HP	1938	1939	76.2mm	127mm	3455cc	1,5,3,6,2,4,	warning light (hot)	Carter dual D/D	automatic	Idle adjustment From 1/4 to 1 full turn open			
Hudson	21.6 HP	1940	1940	76.2mm	127mm	3455cc	1,5,3,6,2,4,	warning light (hot)	Carter dual D/D	automatic	Idle adjustment From 1 full turn to 1 and 1/2			

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											turns open			
Hudson	28.8 HP	1939	1939	76.2mm	114mm	4168cc	1,6,2,5,8,3,7,4,	warning light (hot)	Carter dual D/D	automatic				
Hudson	28.8 HP	1940	1940	76.2mm	114mm	4168cc	1,6,2,5,8,3,7,4,	warning light (hot)	Carter dual D/D	automatic				
Hudson	28.8 HP	1949	1950	3"	4.5"	4168cc	1,6,2,5,8,3,7,4,	warning light (hot)	Carter dual D/D 1 1/4"	automatic		1 to 1 1/4 turns open		
Hudson	4287cc	1949	1950	3 5/16"	4 3/8"	4287cc	1,6,2,5,8,3,7,4,	warning light (hot)	Carter dual D/D 1 1/4"	automatic		1 to 1 1/4 turns		
Hudson	Commodore and Super Eight	1951	1951	76.2mm	114.3mm	4163cc	1,6,2,5,8,3,7,4,	warning light (hot)	Carter dual D/D	automatic	Idle adjustment From 1 full turn to 1 and 1/2 turns open			
Hudson	Commodore and Super Six	1951	1951	90.48mm	111.125mm	4294cc	1,5,3,6,2,4,	warning light (hot)	Carter dual D/D	automatic	Idle adjustment From 1 full turn to 1 and 1/2 turns open			
Hudson	Hornet	1951	1951	96.84mm	114.3mm	5048cc	1,5,3,6,2,4,	warning light (hot)	Carter dual D/D	automatic	Idle adjustment From 1 full turn to 1 and 1/2 turns open			

MAKE	MODEL	YEAR		TAPPET CLEARANCES				IGNITION			
		FROM	TO	INLET (HOT)	EXHAUST (HOT)	VALVE TIMING IND	INLET OPENS	BREAKER GAP	PLUG GAP	IGN TIMING MARK	IGNITION TIMING
Hudson	Minx and Estate Car	1949	1951	0.010" cold	0.015" cold	Timing gears	8' B.T.D.C.	0.012"	0.028" to 0.032"	Pointer and pulley	7' B.T.D.C.
Hudson	16.9 HP	1939	1939	0.006"	0.008"	Timing gears	10' 40' B.T.D.C.	0.020"	0.032"	Flywheel	T.D.C.
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Hudson	21.6 HP	1936	1936	0.006"	0.008"	Timing gears	10' 40' B.T.D.C.	0.020"	0.025"	Flywheel	T.D.C.
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Hudson	28.8 HP	1939	1939	0.006"	0.008"	Timing gears	10' 40' B.T.D.C.	0.017"	0.032"	Flywheel	T.D.C.
Hudson	28.8 HP	1940	1940	0.006"	0.008"	Timing gears	10' 40' B.T.D.C.	0.017"	0.032"	Flywheel	T.D.C.
Hudson	28.8 HP	1949	1950	0.006"	0.008"	Timing gears	10' 40' B.T.D.C.	0.017"	0.032"	Flywheel	T.D.C.
Hudson	4287cc	1949	1950	0.008"	0.010"	sprockets& chain	7' 18' B.T.D.C.	0.017"	0.032"	Flywheel	T.D.C.

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Hudson	Commodore and Super Eight	1951	1951	0.008"	0.010"	sprockets& chain	10' 40' B.T.D.C.	0.017"	0.032"	Flywheel	T.D.C.
Hudson	Commodore and Super Six	1951	1951	0.008"	0.010"	sprockets& chain	7' 18' B.T.D.C.	0.020"	0.032"	Flywheel	T.D.C.
Hudson	Hornet	1951	1951	0.008"	0.010"	sprockets& chain	7' 18' B.T.D.C.	0.020"	0.032"	Flywheel	T.D.C.

MAKE	MODEL	YEAR		CLUTCH		BRAKES		TRACKING			
		FROM	TO	TYPE	LINING	TYPE	LINING	TOE IN	CAMBER	CASTER ANGLE	KING PIN ANGLE
Hudson	Minx and Estate Car	1949	1951	7.13" Single Dry Plate	Ferodo	Lockheed 2LS Hydraulic	Ferodo	1/8"	0' 45' p/m 15'	3' 45'	8' 15'
Hudson	16.9 HP	1939	1939	Single plate in oil	Cork inserts	Bendix duo automatic Primary system Hydraulic, secondary system mechanical,	Moulded / Woven	0 to 1/8"	1' to 1.5'	1' to 2'	7'
Hudson	16.9 HP	1940	1940	Single plate in oil	Cork inserts	Bendix duo automatic Primary system Hydraulic, secondary system mechanical,	Moulded / Woven	0 to 1/16"	1/4' to 3/4'	plus 1/4' to min 1/4'	4' 36'
Hudson	21.6 HP	1936	1936	Single plate in oil	Cork inserts	Bendix duo automatic	Moulded / Woven	0 to 1/8"	0' to 1.5'	2' to 2.5'	7'

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		FROM	TO	TYPE	LINING	TYPE	LINING	TOE IN	CAMBER	CASTER ANGLE	KING PIN ANGLE
Hudson	21.6 HP	1937	1937	Single plate in oil	Cork inserts	Bendix duo automatic	Moulded / Woven	0 to 1/8"	1' to 1.5'	1' to 2'	7'
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Hudson	21.6 HP	1940	1940	Single plate in oil	Cork inserts	Bendix duo automatic Primary system Hydraulic, secondary system mechanical,	Moulded / Woven	0 to 1/16"	1/4' to 3/4'	plus 1/4' to min 1/4'	4' 36'
Hudson	28.8 HP	1939	1939	Single plate (wet)	Cork inserts	Bendix Hydraulic Primary system Hydraulic, secondary system mechanical,	Moulded	0 to 1/8"	1' to 1.5'	1' to 2'	7'
Hudson	28.8 HP	1940	1940	Single plate (wet)	Cork inserts	Bendix Hydraulic Primary system Hydraulic, secondary system mechanical,	Moulded	0 to 1/16"	1/4' to 3/4'	plus 1/4' to min 1/4'	4' 36'
Hudson	28.8 HP	1949	1950	Single plate (wet)	Cork inserts	Bendix Hydraulic Primary system Hydraulic, secondary system mechanical,	Moulded	0 to 1/16"	1/2" to 1 1/2"	1/2" to 1 1/2"	3' 36'
Hudson	4287cc	1949	1950	Single plate (wet)	Cork inserts	Bendix Hydraulic Primary system Hydraulic, secondary system mechanical,	Moulded	0 to 1/16"	1/2" to 1 1/2"	1/2" to 1 1/2"	3' 36'
Hudson	Commodore and Super Eight	1951	1951	Single plate in oil	Cork inserts	Bendix Hydraulic Primary system Hydraulic, secondary system mechanical,	Moulded	0 to 1/16"	1/2" to 1 1/2"	1/2" to 1 1/2"	3' 36'
Hudson	Commodore and Super Six	1951	1951	Single plate in oil	Cork inserts	Bendix Hydraulic Primary system Hydraulic, secondary system mechanical,	Moulded	0 to 1/16"	1/2" to 1 1/2"	1/2" to 1 1/2"	3' 36'
Hudson	Hornet	1951	1951	Single plate in oil	Cork inserts	Bendix Hydraulic Primary system Hydraulic, secondary system mechanical,	Moulded	0 to 1/16"	1/2" to 1 1/2"	1/2" to 1 1/2"	3' 36'