

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
Humber	Pacemaker	1951	1951	90.48mm	98.425mm	3802cc	1,5,3,6,2,4,	warning light (hot)	Carter single D/D	automatic	Idle adjustment			
Humber	Twelve	1936	1937	69.5mm	110mm	1669cc	1,3,4,2,	30 lb/sq.in	Stromberg DA36 D/D	15/16"	L880	0.044" metering	0.028" by pass	70
Humber	Hawk 14hp	1946	1948	75mm	110mm	1944cc	1,3,4,2,	30 to 40 lb/sq.in	Stromberg DBA36 D/D	31/32"	L1631	0.044" metering	0.026" by pass	68
Humber	Hawk 14hp	1949	1950	75mm	110mm	1944cc	1,3,4,2,	45 to 50 lb/sq.in @ 30 to 45 MPH	Stromberg DBA36	0.97"	L1631	0.045" metering	0.030" by pass	Economy 0.28"
Humber	Sixteen	1938	1938	67.5mm	120mm	2576.5cc	1,5,3,6,2,4,	45 to 50 lb/sq.in	Stromberg DBV36 D/D	1 1/32"	L1359	0.045" metering	0.030" by pass	68
Humber	Sixteen	1939	1939	67.5mm	120mm	2576.5cc	1,5,3,6,2,4,	45 to 50 lb/sq.in	Stromberg D/D	1 1/32"	L1359	0.045" metering	0.032" by pass	68
Humber	18 hp	1936	1937	69.5mm	120mm	2731.5cc	1,5,3,6,2,4,	50 lb/sq.in	Stromberg DBA36	1 1/16"	L784	0.050" metering	0.036" by pass	66
Humber	Snipe	1936	1937	85mm	120mm	4085.7cc	1,5,3,6,2,4,	50 lb/sq.in	Stromberg D/D DA42	1 3/8"	P18115	0.068" metering	0.044" by pass	64
Humber	Snipe	1938	1938	75mm	120mm	3180.9cc	1,5,3,6,2,4,	45 to 50 lb/sq.in	Stromberg D/D DBV36	1 3/32"	L784	0.050" metering	0.044" by pass	68
Humber	Snipe	1939	1939	75mm	120mm	3180.9cc	1,5,3,6,2,4,	45 to 50 lb/sq.in	Stromberg D/D	automatic	0.050"	0.044" metering	L784	68
Humber	Snipe	1946	1946	69.5mm	120mm	2731.5cc	1,5,3,6,2,4,	45 to 50 lb/sq.in	Stromberg D/D DBV36	automatic	L1719	0.052" metering	0.044" by pass	75

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
Humber	Super Snipe	1939	1939	85mm	120mm	4085.7cc	1,5,3,6,2,4,	45 to 50 lb/sq.in	Stromberg D/D DBVA42	automatic	L1292	0.065" metering	0.054" by pass	64
Humber	Super Snipe	1946	1948	85mm	120mm	4085.7cc	1,5,3,6,2,4,	45 to 50 lb/sq.in	Stromberg D/D DBVA	automatic	L1292	0.065" metering	0.054" by pass	64
Humber	Super Snipe	1949	1951	85mm	120mm	4086cc	1,5,3,6,2,4,	45 to 50 lb/sq.in	Stromberg D/D DBVA42	automatic	L1292	0.065" metering	0.054" by pass	
Humber	Imperial and Pullman	1938	1938	85mm	120mm	4085.7cc	1,5,3,6,2,4,	50 lb/sq.in	Stromberg D/D DBV42	automatic	L1292	0.065" metering	0.054" by pass	64
Humber	Imperial and Pullman	1939	1939	85mm	120mm	4085.7cc	1,5,3,6,2,4,	50 lb/sq.in	Stromberg D/D DBV42	automatic	L1292	0.065" metering	0.054" by pass	64
Humber	Pullman	1946	1946	85mm	120mm	4086cc	1,5,3,6,2,4,	45 to 50 lb/sq.in	Stromberg D/D DBV42	automatic	L1292	0.065" metering	0.054" by pass	64
Humber	Pullman	1949	1951	85mm	120mm	4086cc	1,5,3,6,2,4,	45 to 50 lb/sq.in @ 30 to 45 MPH	Stromberg D/D DBV42	automatic	L1292	0.065" metering	0.054" by pass	

MAKE	MODEL	YEAR		TAPPET CLEARANCES				IGNITION			
		FROM	TO	INLET (COLD)	EXHAUST (COLD)	VALVE TIMING IND	INLET OPENS	BREAKER GAP	PLUG GAP	IGN TIMING MARK	IGNITION TIMING
Humber	Pacemaker	1951	1951	0.008"	0.010"	sprockets & chain	7' 18' B.T.D.C.	0.020"	0.032"	Flywheel	T.D.C.
Humber	Twelve	1936	1937	0.010"	0.015"	Chain wheels	6' B.T.D.C.	0.012"	0.022"		7' B.T.D.C.
Humber	Hawk 14hp	1946	1948	0.010"	0.010"	Chain wheels	13' B.T.D.C.	0.012"	0.028" to 0.032"	Flywheel - rear engine plate	4' B.T.D.C.
Humber	Hawk 14hp	1949	1950	0.010"	0.010"	Chain wheels	13' B.T.D.C.	0.012"	0.032"	Flywheel - rear engine plate	4' B.T.D.C.
Humber	Sixteen	1938	1938	0.006"	0.010"	Chain wheels	5' B.T.D.C.	0.012"	0.032"	Crankshaft pulley	5' B.T.D.C.
Humber	Sixteen	1939	1939	0.006"	0.010"	Crankshaft timing cover	5' B.T.D.C.	0.012"	0.032"	Crankshaft pulley	5' B.T.D.C.
Humber	18 hp	1936	1937	0.006"	0.010"	Chain wheels	5' B.T.D.C.	0.012"	0.022"	Crankshaft pulley & timing case	3' B.T.D.C. Fully advanced
Humber	Snipe	1936	1937	0.006"	0.010"	Chain wheels	5' B.T.D.C.	0.012"	0.022"	Flywheel	T.D.C.
Humber	Snipe	1938	1938	0.006"	0.010"	Chain wheels	5' B.T.D.C.	0.012"	0.032"	Crankshaft pulley	5' B.T.D.C. Fully advanced
Humber	Snipe	1939	1939	0.006"	0.010"	Chain wheels	5' B.T.D.C.	0.012"	0.032"	Crankshaft pulley & timing case	5' B.T.D.C. fully advanced
Humber	Snipe	1946	1946	0.010"	0.010"	Chain wheels	9' B.T.D.C.	0.010" to 0.012"	0.028" to 0.032"	Crankshaft pulley	6' B.T.D.C.

MAKE	MODEL	YEAR		TAPPET CLEARANCES				IGNITION			
		FROM	TO	INLET (COLD)	EXHAUST (COLD)	VALVE TIMING IND	INLET OPENS	BREAKER GAP	PLUG GAP	IGN TIMING MARK	IGNITION TIMING
Humber	Super Snipe	1939	1939	0.006"	0.010"	Chain wheels	9' B.T.D.C.	0.010"	0.032"	Crankshaft pulley	6' B.T.D.C.
Humber	Super Snipe	1946	1948	0.010"	0.010"	Chain wheels	9' B.T.D.C.	0.010" to 0.012"	0.028" to 0.032"	Crankshaft pulley	6' B.T.D.C.
Humber	Super Snipe	1949	1951	0.010"	0.010"	Timing cover	9' B.T.D.C.	0.010" to 0.012"	0.028" to 0.032"	Crankshaft pulley	6' B.T.D.C.
Humber	Imperial and Pullman	1938	1938	0.006"	0.010"	Chain wheels	5' B.T.D.C.	0.010"	0.032"	Crankshaft pulley	T.D.C. Fully advanced
Humber	Imperial and Pullman	1939	1939	0.006"	0.010"	Timing Pistons	5' B.T.D.C.	0.010"	0.032"	Crankshaft pulley	T.D.C.
Humber	Pullman	1946	1946	0.010"	0.010"	Crankshaft pulley	9' B.T.D.C.	0.010" to 0.012"	0.028" to 0.032"	Crankshaft pulley	6' B.T.D.C.
Humber	Pullman	1949	1951	0.010"	0.010"	Timing cover	9' B.T.D.C.	0.010" to 0.012"	0.028" to 0.032"	Crankshaft pulley	6' B.T.D.C.

MAKE	MODEL	YEAR		CLUTCH		BRAKES		TRACKING			
		FROM	TO	TYPE	LINING	TYPE	LINING	TOE IN	CAMBER	CASTER ANGLE	KING PIN ANGLE
Humber	Pacemaker	1951	1951	Single plate in oil	Cork inserts	Bendix duo automatic	Moulded	0 to 1/16"	1/2" to 1 1/2"	1/2" to 1 1/2"	3' 36'
Humber	Twelve	1936	1937	Single Dry Plate	Moulded Ferodo	Bendix duo servo	Bendix	1/8"	1' 30'	4'	7' 30'
Humber	Hawk 14hp	1946	1948	Borg & Beck Single Dry Plate	Moulded Ferodo	Lockheed Hydraulic	Mintex NMT	1/8"	1'	2' 52'	10'
Humber	Hawk 14hp	1949	1950	8" Single Dry Plate	Ferodo	Lockheed 2LS Hydraulic	Ferodo	1/8"	0' 45' p/m 15'	0	8' 15'
Humber	Sixteen	1938	1938	Single Dry Plate	Moulded Ferodo	Bendix - Cowdrey		1/8"	1'	2' 52'	10'
Humber	Sixteen	1939	1939	Single Dry Plate	Moulded Ferodo	Lockheed Hydraulic	Mintex NMT	1/8"	1'	2' 52'	10'
Humber	18 hp	1936	1937	Single Dry Plate	Moulded Ferodo	Bendix duo servo	Bendix	1/8"	2'	1' 30'	7' 30'
Humber	Snipe	1936	1937	Single Dry Plate	Moulded Ferodo	Bendix duo servo	Bendix	1/8"	2'	1' 30'	7' 30'
Humber	Snipe	1938	1938	Single Dry Plate	Moulded Ferodo	Bendix - Cowdrey	Bendix	1/8"	1'	2' 52'	10'
Humber	Snipe	1939	1939	Single Dry Plate	Moulded Ferodo	Lockheed Hydraulic	Mintex NMT	1/8"	1'	2' 52'	10'
Humber	Snipe	1946	1946	Borg & Beck Single Dry Plate	Moulded Ferodo	Lockheed Hydraulic	Mintex NMT	1/8"	1'	2' 52'	10'

MAKE	MODEL	YEAR		CLUTCH		BRAKES		TRACKING			
		FROM	TO	TYPE	LINING	TYPE	LINING	TOE IN	CAMBER	CASTER ANGLE	KING PIN ANGLE
Humber	Super Snipe	1939	1939	Borg & Beck Single Dry Plate	Moulded Ferodo	Lockheed Hydraulic	Mintex NMT	1/8"	1'	2' 52'	10'
Humber	Super Snipe	1946	1948	Borg & Beck Single Dry Plate	Moulded Ferodo	Lockheed Hydraulic	Mintex NMT	1/8"	1'	2' 52'	10'
Humber	Super Snipe	1949	1951	10" Single Dry Plate	Moulded Ferodo	Lockheed 2LS Hydraulic	Ferodo	1/8"	1'	0'	10'
Humber	Imperial and Pullman	1938	1938	Single Dry Plate	Moulded Ferodo	Bendix duo servo	Bendix	1/8"	2'	1' 30'	7' 30'
Humber	Imperial and Pullman	1939	1939	Single Dry Plate	Moulded Ferodo	Bendix duo servo	Bendix	1/8"	2'	1' 30'	7' 30'
Humber	Pullman	1946	1946	Borg & Beck Single Dry Plate	Moulded Ferodo	Lockheed Hydraulic	Mintex NMT	1/8"	1'	2' 23'	10'
Humber	Pullman	1949	1951	10" Single Dry Plate	Moulded Ferodo	Lockheed 2LS Hydraulic	Ferodo	1/8"	1'	0'	10'