

MAKE	MODEL	YEAR		ENGINE INFO				
		FROM	TO	CYLINDER BORE	CYLINDER STROKE	CAPACITY	FIRING ORDER	OIL PRESS (HOT)
ALVIS	Fourteen and Fourteen Sports 13.58 H.P.	1946	1950	74mm	110 mm.	1,892 c.c.	1,3,4,2	40 lb. / sq. in. @ 40 mph
ALVIS	Silver Eagle 16.95 H.P.	1936	1936	67.5 mm.	110 mm.	2,362 c.c.	1,5,3,6,2,4	40 lb. / sq. in. @ 40 mph
ALVIS	Crested Eagle 19.82 hp	1935	1936	73 mm	110 mm.	2,763cc	1,5,3,6,2,4	40 lb. / sq. in. @ 40 mph
ALVIS	Crested Eagle 19.82 hp	1937	1938	73 mm	110 mm.	2,763cc	1,5,3,6,2,4	40 lb. / sq. in. @ 40 mph
ALVIS	Crested Eagle 25.63 hp	1938	1939	83 mm	110 mm.	3,571cc	1,5,3,6,2,4	40 lb. / sq. in. @ 40 mph
ALVIS	Twenty Five 25.63 hp	1937	1937	83mm	110 mm.	3,571cc	1,5,3,6,2,4	40 lb. / sq. in. @ 40 mph
ALVIS	Speed Twenty Five 25.63 hp	1937	1937	83mm	110 mm.	3,571cc	1,5,3,6,2,4	40 lb. / sq. in. @ 40 mph
ALVIS	Speed Twenty Five 25.63 hp	1938	1938	83mm	110 mm.	3,571cc	1,5,3,6,2,4	40 lb. / sq. in. @ 40 mph
ALVIS	Speed Twenty Five 25.63 hp	1938	1939	83mm	110 mm.	3,571cc	1,5,3,6,2,4	40 lb. / sq. in. @ 40 mph
ALVIS	3 1/2 Litre 25.63 H.P.	1936	1936	83mm	110 mm.	3,571cc	1,5,3,6,2,4	40 lb. / sq. in. @ 40 mph
ALVIS	4.3 Litre 31.48 H.P.	1937	1937	92mm.	110 mm.	4,387 c.c.	1,5,3,6,2,4	40 lb. / sq. in. @ 40 mph
ALVIS	4.3 Litre 31.48 H.P.	1938	1938	92mm.	110 mm.	4,387 c.c.	1,5,3,6,2,4	40 lb. / sq. in. @ 40 mph
ALVIS	4.3 Litre 31.48 H.P.	1939	1939	92mm.	110 mm.	4,387 c.c.	1,5,3,6,2,4	40 lb. / sq. in. @ 40 mph
ALVIS	3 Litre Saloon, Sports and Coupe' 26.25 H.P.	1951	1952	84 mm.	90 mm.	2,993 c.c.	1,5,3,6,2,4,	40 lb. / sq. in. @ 40 mph

MAKE	MODEL	YEAR		CARBURETTOR (PETROL & VAP OIL ENGINES)					
		FROM	TO	TYPE	CHOKE	MAIN	COMPENSATING	ECONOMY	SLOW RUNNING
ALVIS	Fourteen and Fourteen Sports 13.58 H.P.	1946	1950	S.U.*	1 1/2"	C.T. Needle.			
ALVIS	Silver Eagle 16.95 H.P.	1936	1936	S.U.3	32 mm.	A.C. Needle.			
ALVIS	Crested Eagle 19.82 hp	1935	1936	Solex	31	155-57			65
ALVIS	Crested Eagle 19.82 hp	1937	1938	SU 3	35mm	No 61 needle			
ALVIS	Crested Eagle 25.63 hp	1938	1939	SU 3	35mm	R32 needle			
ALVIS	Twenty Five 25.63 hp	1937	1937	SU 3	35mm	R32 needle			
ALVIS	Speed Twenty Five 25.63 hp	1937	1937	SU 3	35mm	R32 needle			
ALVIS	Speed Twenty Five 25.63 hp	1938	1938	SU 3	35mm	R32 needle			
ALVIS	Speed Twenty Five 25.63 hp	1938	1939	SU 3	35mm	R32 needle			
ALVIS	3 1/2 Litre 25.63 H.P.	1936	1936	SU 3	35mm	R32 needle			
ALVIS	4.3 Litre 31.48 H.P.	1937	1937	S.U. (3)	1 1/2"	R. P Needle.			
ALVIS	4.3 Litre 31.48 H.P.	1938	1938	S.U. (3)	1 1/2"	R. P Needle.			
ALVIS	4.3 Litre 31.48 H.P.	1939	1939	S.U. (3)	1 1/2"	R. P Needle.			
ALVIS	3 Litre Saloon, Sports and Coupe' 26.25 H.P.	1951	1952	Solex*	27	115	55	200	70

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
ALVIS	Fourteen and Fourteen Sports 13.58 H.P.	1946	1950	0.009"	0.009"	Flywheel.	15' B.T.D.C.	0.012" / 0.015"	0.025"	Flywheel	27' B.T.D.C
ALVIS	Silver Eagle 16.95 H.P.	1936	1936	0.004"	0.004" / 0.006"	Flywheel.	15' B.T.D.C.	0.010" / 0.012"	0.025"	Flywheel.	27' B.T.D.C.
ALVIS	Crested Eagle 19.82 hp	1935	1936	0.004"	0.004"	Flywheel	15' B.T.D.C	0.018"	0.022"	Flywheel	27' B.T.D.C
ALVIS	Crested Eagle 19.82 hp	1937	1938	0.004"	0.004" to 0.006"	Flywheel	15' B.T.D.C	0.018"	0.018" to 0.025"	Flywheel	27' B.T.D.C
ALVIS	Crested Eagle 25.63 hp	1938	1939	0.004"	0.006"	Flywheel	15' B.T.D.C	0.010" to 0.012"	0.020" to 0.025"	Flywheel	9' B.T.D.C
ALVIS	Twenty Five 25.63 hp	1937	1937	0.004"	0.004" to 0.006"	Flywheel	15' B.T.D.C	0.018"	0.018" to 0.025"	Flywheel	27' B.T.D.C
ALVIS	Speed Twenty Five 25.63 hp	1937	1937	0.004"	0.004" to 0.006"	Flywheel	15' B.T.D.C	0.018"	0.018" to 0.025"	Flywheel	27' B.T.D.C
ALVIS	Speed Twenty Five 25.63 hp	1938	1938	0.004"	0.004" to 0.006"	Flywheel	15' B.T.D.C	0.010" to 0.012"	0.020" to 0.025"	Flywheel	9' B.T.D.C
ALVIS	Speed Twenty Five 25.63 hp	1938	1939	0.009"	0.009"	Flywheel	11" or 15" B.T.D.C.	0.010"- 0.012"	0.020"- 0.025"	Flywheel.	See plate, valve cover.
ALVIS	3 1/2 Litre 25.63 H.P.	1936	1936	0.006".	0.006".	Flywheel.	15' B.T.D.C.	0.018".	0.025"	Flywheel.	27' B.T.D.C.
ALVIS	4.3 Litre 31.48 H.P.	1937	1937	0.004".	0.004" to 0.006".	Flywheel.	15' B.T.D.C.	0.010" to 0.012".	0.020" to 0.025"	Flywheel.	T.D.C.
ALVIS	4.3 Litre 31.48 H.P.	1938	1938	0.004".	0.004" to 0.006".	Flywheel.	15' B.T.D.C.	0.010" to 0.012".	0.020" to 0.025"	Flywheel.	20' B.T.D.C.
ALVIS	4.3 Litre 31.48 H.P.	1939	1939	0.009"	0.009"	Flywheel.	11' or 15" B.T.D.C.	0.010" – 0.012".	0.020" to 0.025"	Flywheel.	See plate, valve cover.
ALVIS	3 Litre Saloon, Sports and Coupe' 26.25 H.P.	1951	1952	0.009".	0.009".	Flywheel.	20' B.T.D.C.	0.012" – 0.015".	0.025"	Flywheel.	2' B.T.D.C.

MAKE	MODEL	YEAR		CLUTCH TYPE	BRAKES		TRACKING			
		FROM	TO		TYPE	LINING	TOE IN	CAMBER	CASTER ANGLE	KING PIN ANGLE
ALVIS	Fourteen and Fourteen Sports 13.58 H.P.	1946	1950	Borg/beck single dry plate 9"	Alvis Mechanical	2" x 3/16"	1/8"	2' 30'	2' 54'	7' 30'
ALVIS	Silver Eagle 16.95 H.P.	1936	1936	Borg/beck single dry plate 9"	Alvis Mechanical	2" x 3/16"	1/8"	2' 30'	2' 54'	7' 30'
ALVIS	Crested Eagle 19.82 hp	1935	1936	Borg & Beck dry plate 10"	Alvis Mechanical	2" x 3/16"	nil	2'	1' 30'	9'
ALVIS	Crested Eagle 19.82 hp	1937	1938	Roper & Wreaks single dry plate 10"	Alvis Mechanical	2" x 3/16"	3/16" out	2'	1' 30'	8'
ALVIS	Crested Eagle 25.63 hp	1938	1939	Borg & Beck dry plate 11"	Alvis Mechanical	2" x 3/16"	3/16" out	2'	1' 30'	8'
ALVIS	Twenty Five 25.63 hp	1937	1937	Roper & Wreaks single dry plate 11"	Alvis Mechanical	2" x 3/16"	3/16" out	2'	1' 30'	8'
ALVIS	Speed Twenty Five 25.63 hp	1937	1937	Borg & Beck dry plate 10"	Alvis Mechanical	2" x 3/16"	3/16" out	2'	1' 30'	8'
ALVIS	Speed Twenty Five 25.63 hp	1938	1938	Borg & Beck dry plate 11"	Alvis Mechanical	2" x 3/16"	3/16" out	2'	1' 30'	8'
ALVIS	Speed Twenty Five 25.63 hp	1938	1939	Borg & Beck dry plate 11"	Alvis Mechanical	2" x 3/16"	3/16" (out).	2'.	2' 45'	8'
ALVIS	3 1/2 Litre 25.63 H.P.	1936	1936	Borg & Beck dry plate 10"	Alvis Mechanical	2" x 3/16"	Nil.	2'.	2' 45'.	9'.
ALVIS	4.3 Litre 31.48 H.P.	1937	1937	Roper & Wreaks Single Dry Plate (11").	Alvis Mechanical	2" x 3/16"	3/16" (out).	2'.	2' 45'	8'
ALVIS	4.3 Litre 31.48 H.P.	1938	1938	Borg & Beck dry plate 11"	Alvis Mechanical	2" x 3/16"	3/16" (out)	2'.	2' 45'	8'
ALVIS	4.3 Litre 31.48 H.P.	1939	1939	Borg & Beck dry plate 11"	Alvis Mechanical	2" x 3/16"	3/16" (out)	2'.	2' 45'	8'
ALVIS	3 Litre Saloon, Sports and Coupe' 26.25 H.P.	1951	1952	Borg & Beck dry plate 10"	Lockheed Hydraulic.	2 1/4" x 3/16"	1/16" (out)..	1'.	1' 30'.	9'.