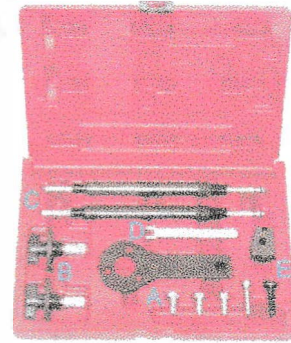


# Professional Tools

**Conjunto De Reglaje Gasolina - Alfa Romeo, Fiat, Lancia**  
**1.2 16v, 1.4 16v, 1.4 T-Jet**



• **Introduction:**

This kit contains the timing tools required to cover the belt replacement procedure for both the early and later variants of these engines. The kit includes piston positioning, camshaft and crankshaft locking tools, plus tensioner adjuster and VVT sprocket locking tool. This Fiat range of 1.2 16 valve petrol engines was first introduced as long ago as 1997 in the Punto and since then a number of variants have been released including the 1.4 range of 16 valve/T-Jet engines. The majority of these engines use the same timing tools combination and basically the same procedure for timing belt replacement. However engine codes 192B2.000, 198A1.000, 198A4.000, 199A6.000 and 199A8.000 require an additional tool to 'lock' the camshaft sprocket, whereas code 169A3.000 requires a different tool combination and has a slightly different procedure. All the timing tools required are included in Kit HL-8502.

Dependent upon the engine there are components which will require removal to gain access to the timing belt, such as – the right hand front wheel, air filter, radiator grille, timing belt covers, auxiliary belt, fuel rail/injectors and spark plugs.

• **Application:**

**Model:**

Alfa Romeo: Giulietta (10-12), MiTo (08-12)

Fiat: 500 (07-12), Bravo (07-12), Brava/Bravo (98-02), Grande Punto (07-10), Grande Punto Abarth (07-10), Idea (04-12), Linea (07-10), Marea/Weekend (98-00), Palio Weekend (01-06), Panda (07-11), Punto (97-08), Stilo (01-08)

Lancia: Delta (08-12), Musa (04-12), Ypsilon (96-11)

**Engine Code:**

1.2 16v: 176B9.000, 182B2.000, 188A5.000

1.4 16v/T-Jet: 169A3.000, 192B2.000 198A1.000, 198A4.000, 199A6.000, 199A8.000, 843A1.000

**Tool Usage**

Engine Variant (by Code)	Crankshaft Position	Camshaft Position	Tensioner Adjustment	Camshaft Sprocket Locking
1.2 16v: 176B9.000, 182B2.000, 188A5.000 1.4 16v: 843A1.000	C	B	D	
1.4 16v: 169A3.000	A	B	D	E
1.4 16v: 192B2.000, 198A1.000, 198A4.000, 199A6.000, 199A8.000	C	B	D	E

Item	Description	OEM Alfa/Fiat/Lancia
A	Crankshaft Locking Tool (Complete with M6x30 Hex Cap Screw x1 M6x16 Hex Cap Screw x3)	2 000 004 500
B	Camshaft Setting Tool (2 per kit*)	1 860 985 000
C	Piston Height Gauge (2 per kit*)	1 860 992 000
D	Tensioner Adjuster	1 860 987 000
E	Camshaft Sprocket Locking Tool (Complete with M8x30 Hex Cap Screw x1)	2 000 015 800