

LASER®

WARNING

Read these instructions through carefully before you use this timing kit. If you do not use the kit correctly, as described in these instructions, you may damage either the tools or the engine on which you are working.

IMPORTANT: Always wear eye and hand protection when using the Laser Diesel Timing Kit.

SPECIAL PRECAUTIONS: Always disconnect earth to battery



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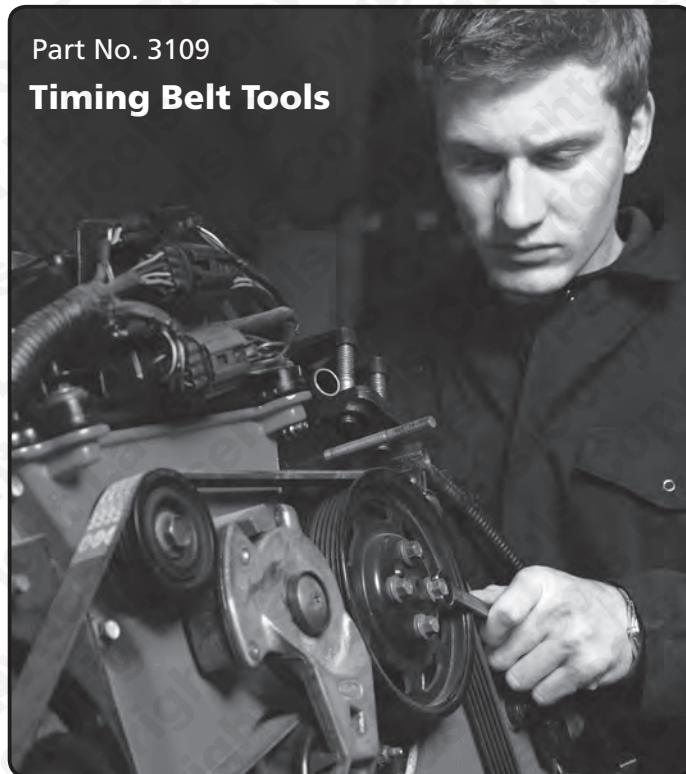
Guarantee

If this product fails through faulty materials or workmanship, contact our service department direct on: +44 (0) 1926 815166. Normal wear and tear are excluded as are consumable items and abuse.

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Part No. 3109

Timing Belt Tools



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Instructions

These tools help adjust the tension of the timing belt after the belt has been fitted. All timing markings should be aligned and procedures for installation of timing belt in a reliable workshop manual should be followed.

1. Slacken tensioner pulley bolt
2. Fit Tensioner Pulley Tool (TP)
3. Apply torque (see table) to tensioner in clockwise direction
(a/c on table is anti-clockwise)
4. Tighten bolt
5. Insert Automatic Tensioner Tool (AT) in LH engine mounting bracket
6. Screw in tool until it contacts tensioner arm
7. Continue to screw in tool until pin can be removed from automatic tensioner unit.
8. Remove Automatic Tensioner tool (AT)

- A.** The Tensioning Bolt is inserted into the belt casing to make contact with the tensioner arm
- B.** The Tension Wrench is 1/4" Square Drive and required during the installation of the timing belt when the tensioner is slackened.

Plan Layout



Ref	Code	OEM Ref HYUNDAI	OEM Ref	OEM Ref PROTON	Description
A	C018	09244-28000	MD 998767	MD 998767	Tensioning Bolt
B	C019	09244-28000			Tension Wrench

Applications

The application list for this product has been compiled cross referencing the OEM Tool Code with the Component Code.

In most cases the tools are specific to this type of engine and are necessary for Cam belt or chain maintenance.

If the engine has been identified as an interference engine valve to piston damage will occur if the engine is run with a broken Cam belt.

A compression check of all cylinders should be performed before removing the cylinder head.

Always consult a suitable work shop manual before attempting to change the Cam belt or Chain.

The use of these engine timing tools is purely down to the user's discretion and Tool Connection cannot be held responsible for any damage caused what so ever.

ALWAYS USE A REPUTABLE WORKSHOP MANUAL

Manufacturer	Mode	Type	Engine Code	Year
Hyundai	Lantra	1.6i	G4-R	91-92
	Lantra Sonata	1.6 1.8 2.0 16v	G4-N G4-P G4-R(1/93)	92-98
Proton	Persona 418	1.8 DOHC	4G93P	96-02
Mitsubishi	Colt Lancer	1.8 16v DOHC	4G93	92-02
	Carisma Space Star	1.8Gdi		
	Shogun Pinin Pajero Pinin			
	Galant Space Wagon	2.0 16v	4G63	92-99
	Galant	93-97	2.0 V6 24v6A12	
	Galant Space Wagon	2.4 Gdi	4G64	97-02
	Space Runner			
	Space Gear(Not UK)			
	Galant Sigma 3000 GT	2.5 V6 24v	6G72	91-00
		3.0 V6 24v	DOHC	
		DOHC	6G73	
	Galant	2.5 V6	6A13	97-02
	Shogun Pajero	3.5 24v DOHC	6G74	94-00
	Shogun Pajero	3.0 24v SOHC	6G72	94-00