

LASER[®]

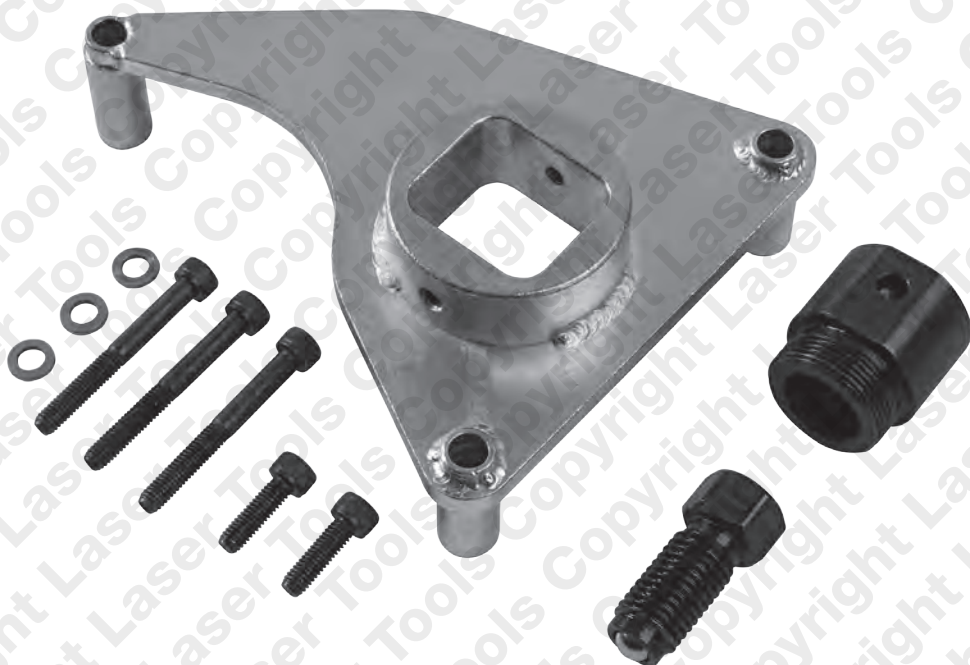
Part No. 8111



HP Fuel Pump Removal Tool

for Hyundai/Kia 1.6D

Instructions



www.lasertools.co.uk

Introduction

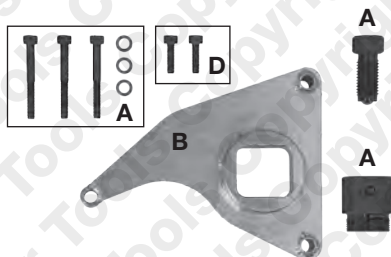
- The Laser 8111 has been developed to allow the high pressure diesel fuel pump to be removed while holding the sprocket in place. Specifically designed for the Hyundai and Kia cam belt driven 1.6 U3 AdBlue® diesel engines.
- Hyundai applications include: Kona (from 2018), Tuscon (from 2018), i40 (from 2018), i30 (from 2019)
- Kia applications include: Ceed (from 2018), Optima (from 2018), Sportage (from 2018), ProCeed (from 2019), Stonic (from 2018), Xceed (from 2019).
- Designed especially for the Kia/Hyundai 1.6 (AdBlue®) diesel engine with engine code D4FE (U3).
- Equivalent to OEM 09331-2U000. Use in accordance with manufacturer's instructions.

The following instructions are for guidance only. Please refer to OEM derived data such as the vehicles manufacturers own data or Autodata.

The use of this tool is purely down to the user's discretion and The Tool Connection Ltd. cannot be held responsible for any damage caused what so ever.



Components



Ref.	OEM Ref	Description
A	09331-2U000	Force Screw and Sprocket Support
B		Mounting Bracket
C		Mounting Screws X3
D		Clamps Screws X2

Applications

Make, Model, Year			Engine Codes
Hyundai	Kona	2018 - on	D4FE (U3)
	Tuscan	2018 - on	
	i40	2018 - on	
	i30	2019 - on	
Kia	Ceed	2018 - on	
	Optima	2018 - on	
	Sportage	2018 - on	
	Proceed	2019 - on	
	Stonic	2018 - on	
	Xceed	2019 - on	

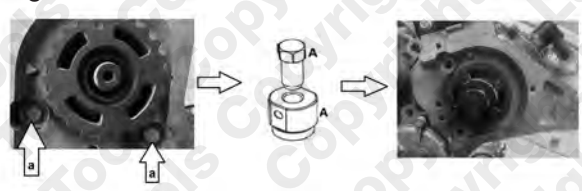
Always refer to the website for most up to date applications: www.lasertools.co.uk/product/8111

Instructions

- Always refer to manufacturer specific data and instructions
- Remove the cam belt covers and align the timing marks according manufacturer's instructions
- Remove the camshaft timing belt.

1. Holding the fuel pump sprocket with an appropriate holding tool slacken and remove the sprocket fixing nut. Lubricate and fit the force screw and sprocket support (A) as shown in figure 1. Remove the front pump mounting bolts shown as (a) in figure 1.

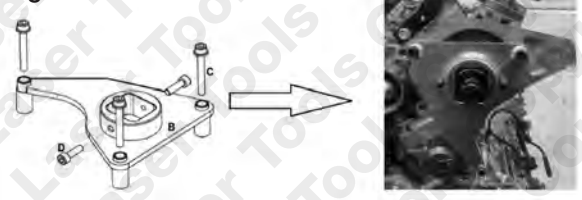
Fig. 1



NOTE: Use molybdenum disulphide grease to lubricate the force screw.

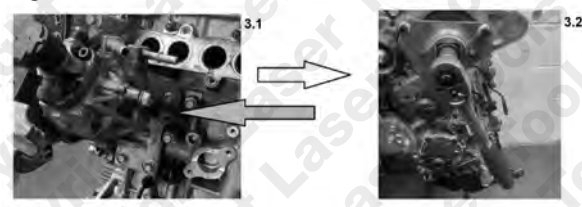
2. Fit the mounting bracket as shown in figure 2. After fitting tighten the clamping bolts (D) on to the flats of the sprocket support (A).

Fig. 2



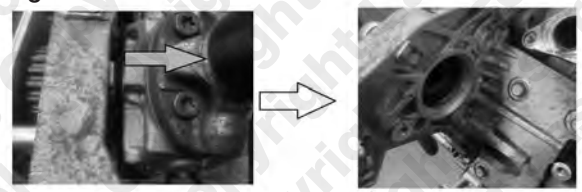
3. Remove the rear pump mountings as shown in figure 3.1. Now tighten the force screw as shown in figure 3.2 to push the pump out of the back of the sprocket.

Fig. 3



4. Continue to turn the force screw to push the pump out and lift it clear of the engine. See figure 4 and 5.

Fig. 4



5. Fitting of the pump is in reverse of the above. Remember to ensure any woodruff keys where fitted are correctly aligned. Always refer to manufacturers data.

Fig. 5



Safety Warnings - please read

- Wear eye and hand protection when using this tool kit.
- Always carefully clean the tool components after each use.
- Keep the tool components safe and tidy in the supplied case.
- Do not use the kit for any purpose other than for which it is designed.



Safety First. Be Protected.

Our products are designed to be used correctly and with care for the purpose for which they are intended. No liability is accepted by the Tool Connection for incorrect use of any of our products, and the Tool Connection cannot be held responsible for any damage to personnel, property or equipment when using the tools. Incorrect use will also invalidate the warranty.

If applicable, the applications database and any instructional information provided has been designed to offer general guidance for a particular tool's use and while all attention is given to the accuracy of the data no project should be attempted without referring first to the manufacturer's technical documentation (workshop or instruction manual) or the use of a recognised authority such as Autodata.

It is our policy to continually improve our products and thus we reserve the right to alter specifications and components without prior notice. It is the responsibility of the user to ensure the suitability of the tools and information prior to their use.



When you have finished with
this bottle please recycle it

www.lasertools.co.uk



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Guarantee

If this product fails through faulty materials or workmanship, contact our service department direct on: **+44 (0) 1926 818186**. Normal wear and tear are excluded as are consumable items and abuse.

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