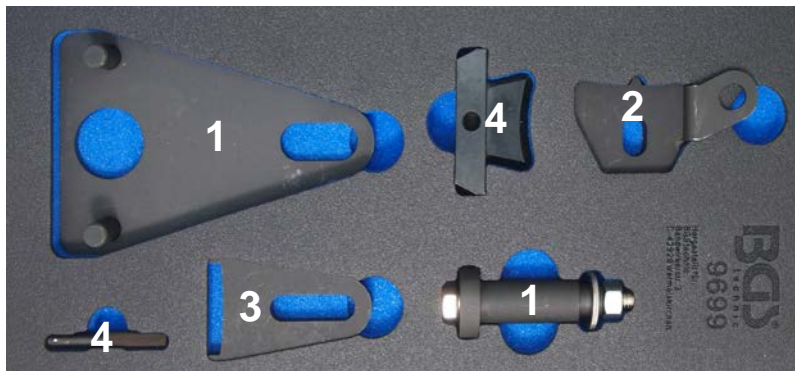


Flywheel / Crankshaft Pulley Locking and Chain Cover Separating Tool Set for Renault / Nissan

TOOLS

- 1 Crankshaft pulley holding tool,
to be used as OEM
MOT 2019 / MOT 1789
- 2 Flywheel locking tool,
to be used as OEM MOT 919-02
- 3 Flywheel locking tool,
to be used as OEM MOT 1431
- 4 Timing chain cover removal tool,
to be used as OEM MOT 1716



INTENDED USE

This tool set has been designed for locking the flywheel and front pulley on the Renault engines listed below. The tool set also provides the primary tools required for replacing the timing chain on the Renault twin cam 1.4, 1.6, 2.0, 2.5 & 3.5 litre petrol engines.

- Specifically relevant to chain driven twin cam H4JT (1.4L petrol), M5M (1.6L petrol), M4R (2.0L petrol) 2TR (2.5L petrol) & V4Y (3.5L petrol).
- Also relevant to M9R (2.0L Diesel) & M9T (2.3L diesel) for flywheel locking.
Use with BGS 8421

More information regarding this item and a list of suitable engines and models can be found on our website: www.bgstechnic.com

SAFETY INFORMATION

- Do not use the tool if parts are missing or damaged.
- Use the tool for the intended purpose only.
- Never place the tool on the vehicle battery. There is a risk of a short circuit.
- Be careful when working with the engine running. Loose clothing, tools and other objects can be caught by rotating parts and cause serious injury.
- Keep children and other unauthorized persons away from the work area.
- Be careful when working on hot engines because of the risk of burn injuries.
- If you remove the ignition key before repairing, you can prevent the engine from being started accidentally and resulting in engine damage.
- This manual serves as a brief guide and does not replace a workshop manual. Always refer to the vehicle-specific service literature, particularly the technical data such as torque values and instructions for disassembly/assembly, etc.
- After repair or before starting the engine, turn a minimum of 2 turns by hand and check the timing again.
- Turn the engine only in the normal direction of rotation (clockwise unless otherwise specified)

Manufacturer	Model	Year	Type
Renault	Espace V	2015-2016	TCe 130 220 Trophy TCe 16V Flex-Fuel 16V 16V E85 dCi dCi 175 GT dCi CDTi
Renault	Clio	2006-2016	
Renault	Fluence	2009-2015	
Renault	Laguna	2005-2015	
Renault	Latitude	2010-2016	
Renault	Megane	2006-2015	
Renault	Scenic/Grand Scenic	2006-2015	
Renault	Espace/Grand Espace IV	2002-2015	
Renault	Koleos	2008-2016	
Renault	Trafic II	2007-2015	
Renault	Vel Satis	2000-2010	
Renault	Master III	2010-2016	
Nissan	Primastar	2006-2015	
Nissan	Qashqai 1 / Qashqai 2	2007-2014	
Nissan	X-Trail	2007-2014	
Nissan	NP300 Navara	2015-2016	
Nissan	NV400	2011-2016	

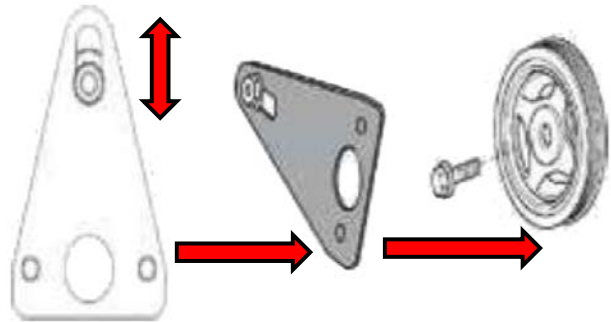
ENGINE CODES

1.4	H4Jt 700
1.6	M5M, M5M 400, M5M 450
2.0	M4R 700, M4R 701, M4R 714, M4R 750, M4R 751, M4R 752, M4R 753, M4R 737, M4R 704, M4R 726, M4R 730, M4R 735, M4R 746, M4R 711, M4R 713, M9R 740, M9R 760, M9R 761, M9R 812, M9R 814, M9R 815, M9R 830, M9R 832, M9R 833, M9R 834, M9R 835, M9R 836, M9R 838, M9R 855, M9R 856, M9R 865, M9R 866, M9R 742, M9R 800, M9R 805, M9R 700, M9R 721, M9R 722, M9R 724, M9R 613, M9R 615, M9R 610, M9R 630, M9R 780, M9R 782, M9R 750, M9R 762, M9R 763, M9R 858, M9R 859, M9R 8, M9R 744, M9R 746, M9R 748, M9R 754, M9R 802, M9R 803, M9R 806, M9R 808, M9R 809, M9R 820, M9R 828, M9R 845, M9R 849, M9R 854, M9R 857, M9R 816, M9R 756, M9R 804, M9R 811, M9R 817, M9R 824, M9R 839, M9R 844, M9R 846, M9R 692, M9R 784, M9R 786, M9R 788, M9R
2.3	M9T 670, M9T 672, M9T 676, M9T 678, M9T 680, M9T 686, M9T 690, M9T 692, M9T 694, M9T 696, M9T 698, M9T 700, M9T 702, M9T 870, M9T 880, M9T 890, M9T 896, M9T 898, M9T C6, YS23DDT, YS23DDTT, M9T 706, M9T 708
2.5	2TR 700, 2TR 700, 2TR 702, 2TR 703, 2TR 704, 2TR 705, 2ZV 604, V4U 604, VQ25
3.5	V4Y 711, V4Y 715, V4Y 701, V4Y 713

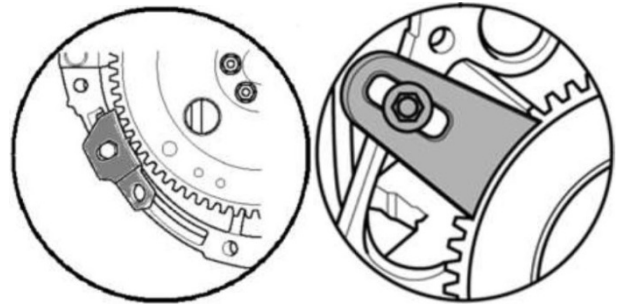
USE**Crankshaft Pulley Holding Tool (1)**

This tool comes in 2 separate parts and must be assembled.

Used to hold the front engine pulley when loosening and tightening the pulley fixing bolts.

**Flywheel locking tool assembly (3+4)**

The two flywheel locking tools are designed to lock the flywheel and crankshaft by engaging into the starter gear ring. Both components are used when the engine or the transmission are removed.

**Timing chain cover removal tool (4)**

This tool comes in 2 separate parts and must be assembled.

After removing the fixing bolts, use the assembled tool to separate the chain cover from the engine housing as shown.

Used as a lever and scraper to remove any sealant residue.

