

BGS 8286

SAC Clutch Tool Set



TOOLS

Clutch centering mandrels 12, 14, 15, 16, 17, 18, 19, 23, 26, 28, 34 mm	Fixing bolt M7 (x4) Fixing bolt M8 (x4) Nut for fixing bolt M8 (x4) Centering mandrel mount Centering tool spindle with cone Centering basic tool clamping nut Centering basic tool locating sleeve Expansion cone (x2)
Pressure spindle	
Reset tool	
4 Arm traverse	
3 Arm traverse	
Handle	
Fixing bolt M6 (x4)	

ATTENTION

Read the operating instructions and all safety instructions contained therein carefully before using the product. Use the product correctly, with care and only according to the intended purpose. Non-compliance of the safety instructions may lead to damage, personal injury and to termination of the warranty. Keep these instructions in a safe and dry location for future reference. Enclose the operating instructions when handing over the product to third parties.

INTENDED USE

This SAC clutch tool is used for quick and professional removal and installation of SAC clutches. The tool set is suitable for almost all SAC clutches with 3 and 4-hole division from Audi, Alfa Romeo, BMW, Mercedes, Opel, General Motors, Volvo, Volkswagen, Renault etc.

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

SAFETY INFORMATION

- Keep children and other persons away from the working area.
- Do not allow children to play with this tool or its packaging.
- 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 on running engines. Loose clothing, tools and other objects can be caught by rotating parts and cause serious injury.
- Be careful when working on hot engines because of the risk of burn injuries!.

SAFETY INFORMATION

- If you remove the ignition key before repairing, you can prevent the engine from being started accidentally and resulting in engine damage and personal injuries.
- 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..

ENVIRONMENTAL PROTECTION

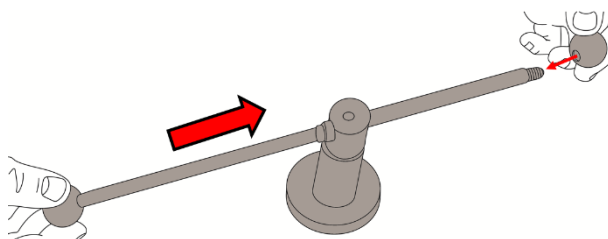
Recycle unwanted materials instead of disposing of them as waste. Packaging should be sorted, taken to a recycling centre and disposed of in a manner which is compatible with the environment. Contact your local solid waste authority for recycling information.



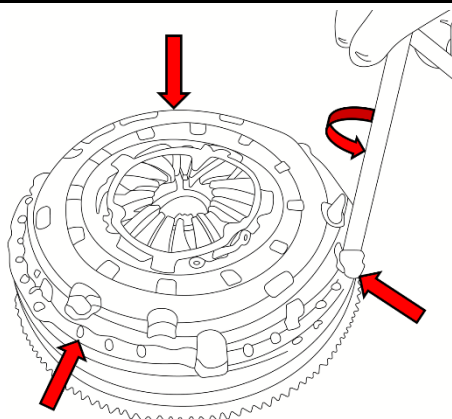
REMOVING

The usage of this special clutch tool is basic also to dismount SAC clutches. In fact if we try to dismount a SAC clutch, the clutch will adjust, causing problems during mounting operations, have a shorter life and cause a lot of vibrations. Follow these instructions:

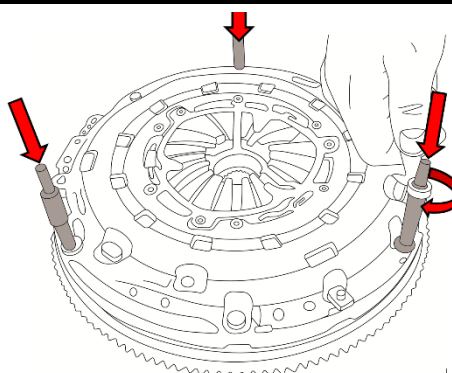
Mount the handle into the main threaded shaft.



Unscrew the 3 of 6 screws at 120°
(or 4 of 8 screws at 90°)



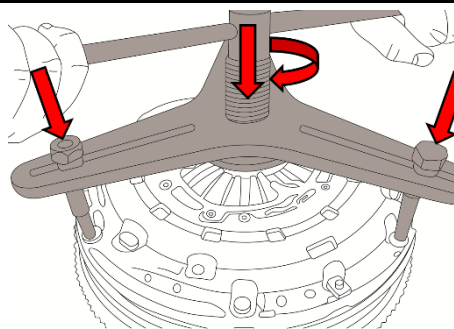
Mount the suitable screws M6 or M7 or M8
(legs) supplied in this set.



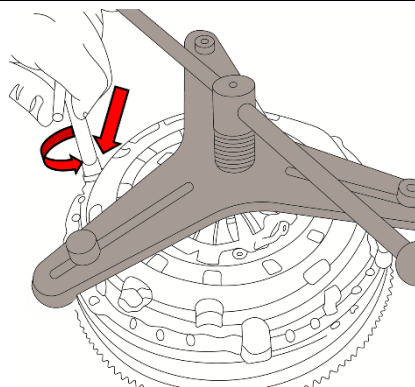
REMOVING

Install the special clamp tool (3 or 4 shanks) and lock it with the M8 locking knobs.

Rotate the special tool's handle to compress the cup spring totally



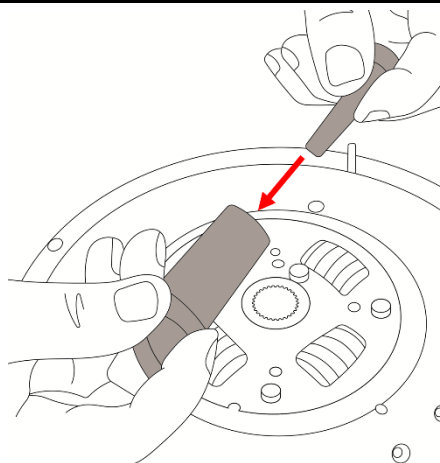
Unscrew now the remaining flywheel locking screws.



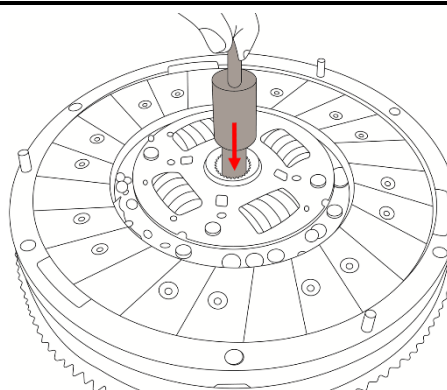
Remove the M8 locking knobs from the special tool, then the special tool and the three legs. Now the pressure plate is raised and the clutch bell touches the flywheel, becoming easy to unscrew and remove the clutch.

MOUNTING

Put the plate and the clutch mechanism on the flywheel.

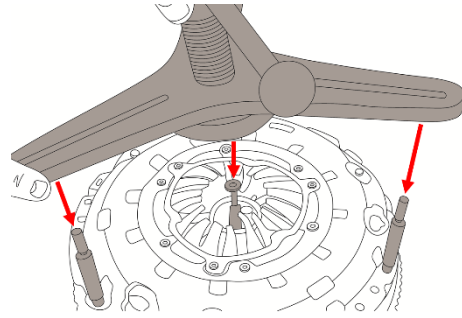


Centre the disk clutch using one of the suitable pin supplied.



MOUNTING

Insert the three legs with the right threading but do not tighten, otherwise you can damage the SAC system.

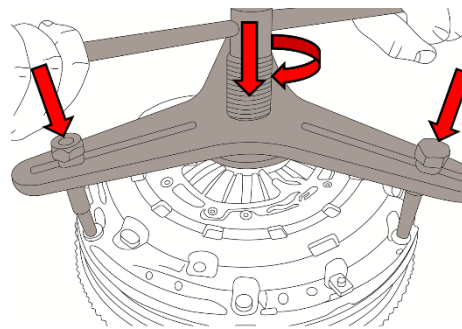


Install the special clamp tool and lock it with the M8 locking knobs.

Please note that the bell is not connected to the flywheel.

Rotate the special tool's handle to compress the cup spring totally; Now the bell is close to the flywheel.

Place and tighten the clutch's locking screws to the flywheel;
Release the pressure of the tool, and remove all parts.
Mount now the remaining three screws and finish the operation.



NOTES

[illegible]