

Automotive Specialty Tool Kit

Radial Seal Removal and Installation Kit

Part No. JGAI2201

Operational Manual





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PLEASE READ THE SAFETY INSTRUCTION CAREFULLY BEFORE OPERATES THE TOOLS. ONLY USE THE PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY. PLEASE KEEP INSTRUCTIONS SAFETY FOR FUTURE USE.

Xit Contents



Part No.	Description	Q'ty
Α	Puller	1
В	Puller Hook L=73 mm	2
С	Puller Hook L = 119 mm	2
D	Bolt Adapter 8 mm	1
Е	Bolt Adapter 10 mm	1
F	Bolt Adapter 12 mm	1
G	Bolt Adapter 14 mm	1
Н	Bolt Adapter 16 mm	1
- 1	Bolt Adapter 18 mm	1
J	Bolt Adapter 20 mm	1
K	Installer Plate	1

Part No.	Description	Q'ty
L	Space Adapter 10 mm	1
М	Space Adapter 18 mm	1
Ν	Space Adapter 22 mm	1
0	Space Adapter 27 mm	1
Р	Seal Adapter 27.6 x 21.6 mm	1
Q	Seal Adapter 33.6 x 27.5 mm	1
R	Seal Adapter 41.9 x 36.0 mm	1
S	Seal Adapter 45.9 x 40.0 mm	1
1	Seal Adapter 48.9 x 43.0 mm	1
U	Seal Adapter 56.0 x 50.3 mm	1
V	Seal Adapter 64.0 x 58.0 mm	1

Safety Precaution

- Check each tool kits are in good condition before use. If damaged Do not use!
- Read this manual completely before performing any operation procedures.
- Always wear protective goggles and gloves when work with this tool.
- Never use this tool for any other application which it was designed.
- Always observe safety precautions whenever working on a vehicle.
- Always refer to the vehicle manufacturer's service instructions, or proprietary manual, to establish the current procedures and data. Product information sets detail applications and use of the tools with any general instructions provided as a guide only.

NOTE: Some cam seals have screw to prevent remove. Do not attempt to use this tool by force.

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Operating Instruction

Removal

- Step 1: Remove pulley as per proprietary manual.
- Step 2: Insert the Puller Hook (Part No.B or C) into the inner edge of the seal 180° apart. (Fig.1)
- Step 3: Insert the Puller Hook (Part No.B or C) of the hooks into the arm of the Puller (Part No.A), screw down and seat the puller force screw into the end of the shaft. (Fig.2)
- Step 4: Screw in the force screw to remove the radial seal. (Fig.3)







Fig.1

Fig.2

Fig.3

Installation

- Step 1: Use the existing bolt in the vehicle for installation. Take an appropriately sized Bolt Adapter (Part No.D~J) and insert it into the Installer Plate (Part No.K).
- Step 2: Choose the correct size of Seal Adapter (Part No.P~V) to fit the diameter of radial seal.
- Step 3; When the shaft protrudes a certain distance, it must use the Space Adapter (Part No.L~O).

NOTE: Any combination of the 4 different length Space Adapter (Part No.L~O) may be needed to ensure the bolt can be screwed in enough to seat the seal.

- Step 4: The bolt through the adapter assembly and radial seal (Fig.4), then screw the screw into the shaft. (Fig.5)
- Step 5: Screw in the bolt to ensure the radial seal is centered as it is compressed into the sealed housing. Continue tightening the bolts until the radial seal is seated. (Fig.6)

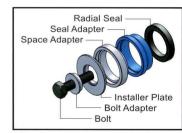


Fig.4







Fig.6