

SERVICE INFO

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Assembly instructions for the LuK RepSet® Pro with LuK SAC and LuK DMF 415 0146 10

Vehicle

manufacturers: Nissan, Opel, Renault

Models:

Nissan: Primastar
Opel: Vivaro
Renault: Avantime, Laguna II, Laguna II Grandtour, Vel Satis, Espace, Traffic II

Model year: 10.2001 -

Engine: G9U ###, G9T ###

LuK RepSet® Pro &

LuK RepSet® DMF Part No.:

623 3093 00, 623 3093 09,
623 3093 33, 623 3105 09,
623 3105 33, 623 3159 09,
623 3159 33, 623 3159 34,
624 3370 09, 624 3370 33,
624 3370 34,
600 0041 00, 600 0042 00,
600 0078 00, 600 0080 00

DMF Part No.: 415 0146 10

As the LuK SAC clutch automatically adjusts, the pressure plate must always be secured without counterforce during installation. This means that the pressure plate should not be pulled up with the screws against the force of the diaphragm spring, as this would trigger the adjustment mechanism and impair the function of the clutch.

The SAC tool from LuK allows the part to be installed without counter force and is therefore an essential component.



Image 2: SAC tool box 400 0237 10



Image 1: LuK RepSet® Pro 623 3105 33

If the parts are installed correctly, all of the diaphragm spring tips lie level with one another. An even load is applied by the release bearing. This ensures the clutch functions correctly.



Image 3: Correct installation

If the parts are installed incorrectly, the diaphragm spring tips are misaligned. This causes the release bearing in the diaphragm spring to tilt, thereby impairing the clutch function.

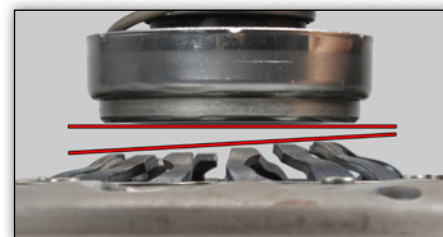


Image 4: Incorrect installation

Note:

The screws included in the RepSet must be used to secure the pressure plate!

Page 2 of this Service Information sheet outlines how to install the LuK SAC clutch correctly.

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Image 5: Manually turn the studs on the the SAC tool until you encounter slight resistance; do not use a tool

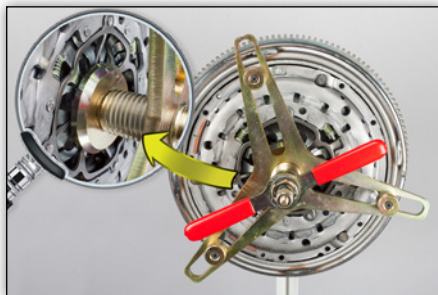


Image 6: Assemble the SAC tool and pretension the pressure plate until the cover flange rests on the LuK DMF

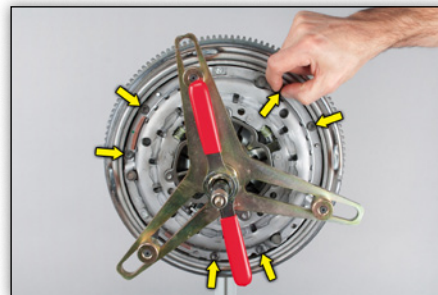


Image 7: Manually insert the supplied screws into the 6 available threads and then tighten with 10.5 ± 1 Nm



Image 8: Release the diaphragm spring by loosening the SAC tool spindle and remove the tool using the studs



Image 9: Manually screw in the remaining 3 screws and tighten with 10.5 ± 1 Nm

Note:

After completing the installation, the diaphragm spring should resemble the image in Image 3 on page 1!



Note the specifications of the vehicle manufacturer!

Any reference to replacement part numbers for vehicle manufacturers is for comparison purposes only.

Appropriate spare parts can be found in our on-line catalogue at www.Schaeffler-Aftermarket.com or in RepXpert at www.RepXpert.com.

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LuK 0026

Subject to technical changes

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