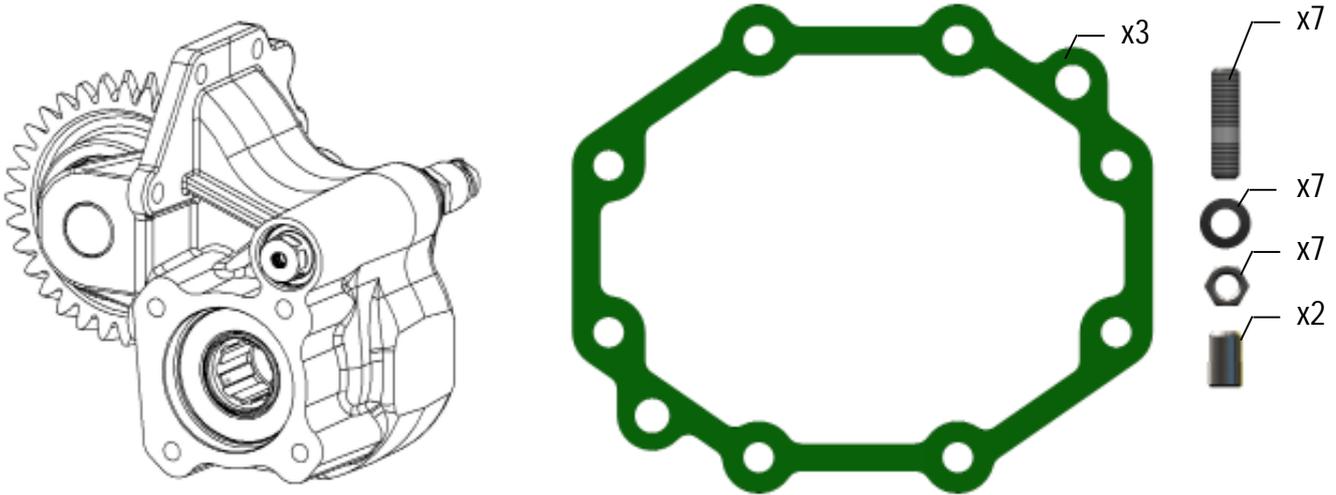


MOUNTING INSTRUCTIONS FOR PTO

021211075 for gearbox SCANIA GRSO 905
021211076 for gearbox SCANIA GR875/905 and GRS895/905
MOUNTING KIT : 021465006

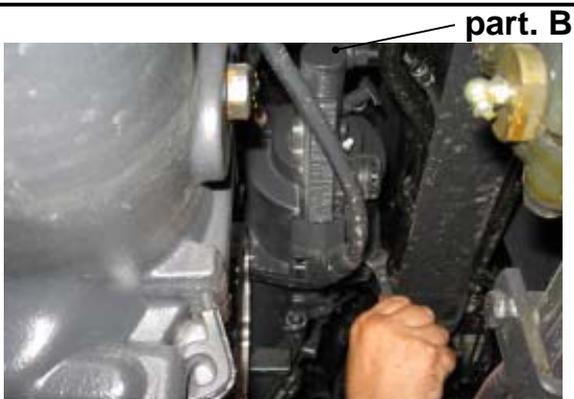


01



Preliminary operation: drain the oil from the gearbox. The picture shows the PTO attachment flange (A), and the clutch cylinder to be moved (B).

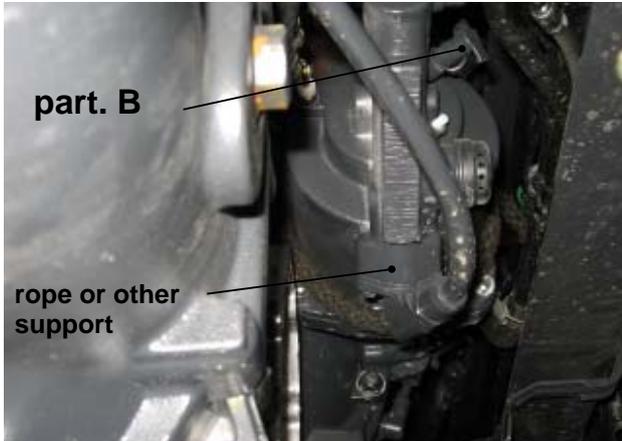
02



Remove the lower fixing screws of the clutch cylinder (B)

MOUNTING INSTRUCTIONS FOR PTO

03

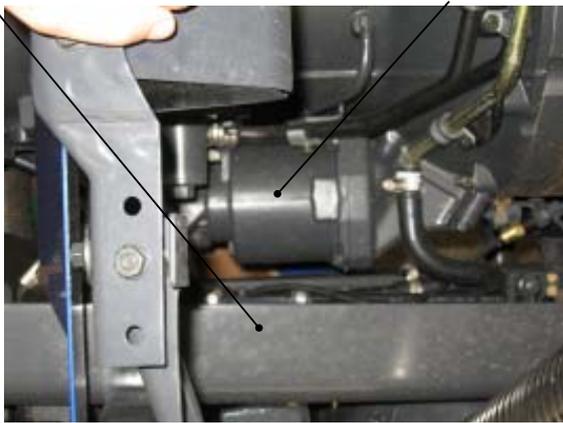


Positioning yourself in the upper part of the vehicle, in the work zone, take a rope (or other support) and pass it around the clutch cylinder. Then fix it momentarily to the frame stringer of the vehicle.

04

frame stringer

part. B



Seen from above there are a number of obstructions adjacent to the clutch cylinder (B) and frame stringer of the vehicle before starting the assembly procedures.

05

part. E

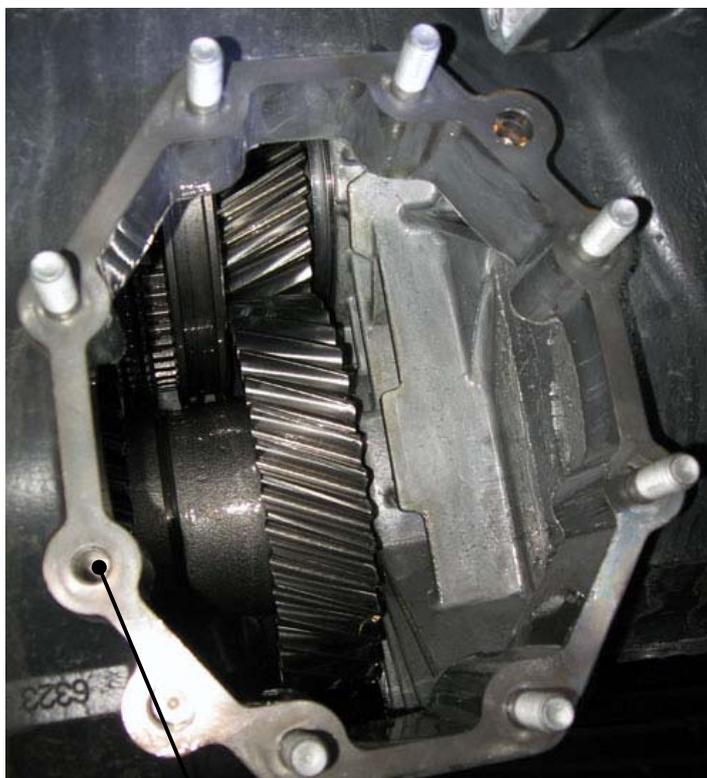
part. F



Unscrew the screws completely from the clutch cylinder and move it slightly (E), with great care, **DO NOT REMOVE IT COMPLETELY**. Turn the cylinder slightly, moving the obstruction of the tube (F), slowly

MOUNTING INSTRUCTIONS FOR PTO

06



C

Remove the cover. Carefully clean the finished surfaces with a spatula or wire brush, taking care not to accidentally introduce foreign bodies into the gearbox. For this reason please fit the centering pins into the gearbox and NOT into the PTO, tightening them with Loctite.
In the point C please DO NOT fit the stud.

07



Add the gasket supplied.

MOUNTING INSTRUCTIONS FOR PTO

08



PTO

Assemble the PTO, being careful not to damage the gasket. In this operation the clutch cylinder is not in position. As soon as the fixing nuts of the PTO are tightened, loosen the support rope of the clutch cylinder and insert all its screws. Then remove the rope support and tighten the screws. Dismantle the lid to check the clearance on the PTO. Introduce the index finger into the hole and check, tilting the gear of the PTO slightly, so that there is sufficient clearance between this gear and that of the gearbox.

This value should be between 0.1 and 0.2 mm. Perform a few static manoeuvres of engagement and disengagement, to check that the assembly has been done correctly and unusual noises do not persist. If the PTO produces sibilant noise, this means the clearance is not sufficient; in this event, add a gasket. If, on the other hand, the PTO knocks, it is a sign that the clearance is excessive and the number of gaskets must be reduced.

09



In case you use one of our pumps (pictures are showing our HDS and NPH... THIN ISO SHORT types) please take care that the gearbox tab (due to casting tolerances) does not interfere against the pump itself, jeopardizing in this case its correcting mounting, use and lifetime. If needed, please clear this interference by means of the most appropriate tools.

HDS

NPH... Thin ISO Short

10

Connect the utilities and the tank and top up the level of the oil in the gearbox checking the absence of leaks. Repeat the operation to check for leaks at an interval of a few hours.