



Model: MP3 all versions, Fuoco 500

Subject: Greasing the bearings of the side sleeves.

Dear Dealer,

following up on Technical Communication No. 019-2010 aimed at maintaining the proper bearing preloading of the side sleeves in the vehicles in question, we inform you that to get the best performance from these bearings, in addition to the correct preloading, it is also essential to ensure they are properly lubricated.

This need for lubrication is particularly evident when the vehicles are used during the winter, on roads that are wet or covered with sand and salt.

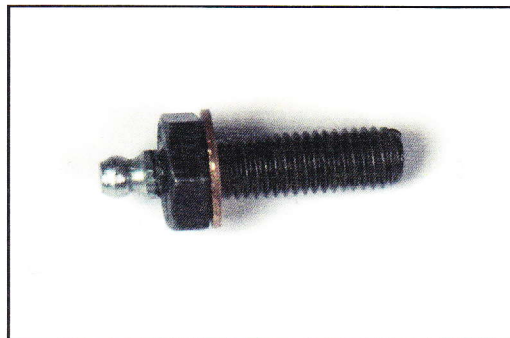
These conditions of use can result in a loss of lubrication.

The presence of grease is needed to lubricate the bearings and to ensure a protective shield against environmental effects such as water, salt and dust; the grease therefore integrates the activities of the dust gaiters.

To integrate/restore the proper lubrication of the bearings, the following specific tool has been defined:

SCREW WITH GREASER

P/N 020943Y





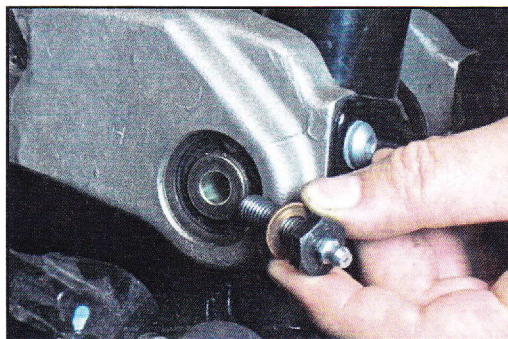
For the correct use of the equipment, it is useful to have the vehicle with the front shield removed; therefore, it is advisable that the restoration of lubrication is carried out in combination with the adjustment of the preloading of the bearings, which in any case requires the disassembly of the bodywork.

To carry out the greasing procedure it is necessary to start from the lower bearing of one of the two sleeves:

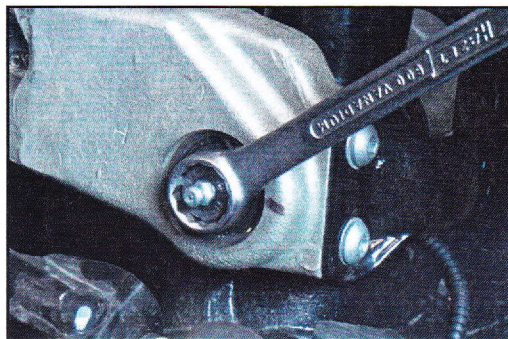
1. Remove the screw and washer of the front lower connection of the parallelogram to the side sleeve;



2. Install the special tool with the copper washer;

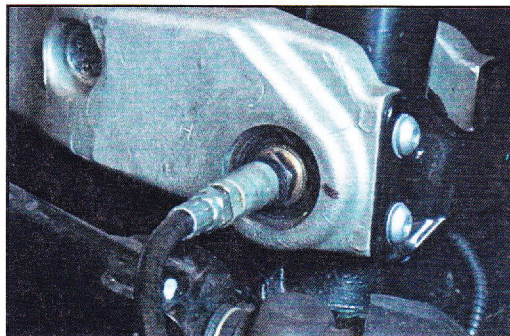


3. Lock the special tool at a torque of $14 \div 20$ Nm;



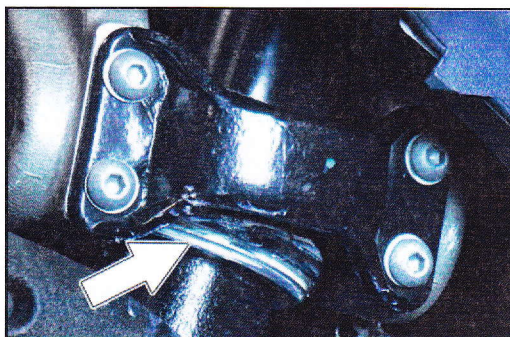


4. Connect a pump to the specific tool for ball greasers supplied with the grease **AGIP GREASE PV2**;

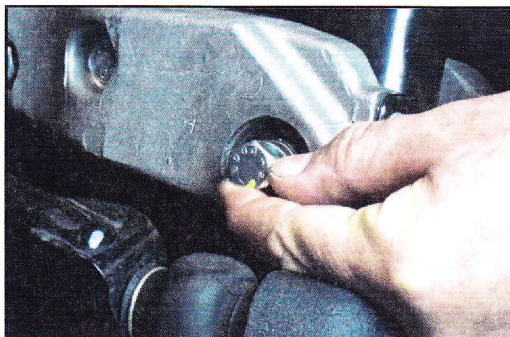


5. Pump the grease into the housing of the bearing until detecting leakage from the sealing surface of the lower dust gaiter;

NOTE: remove any excess grease.



6. Remove the specific tool and reapply the screw with original washer;

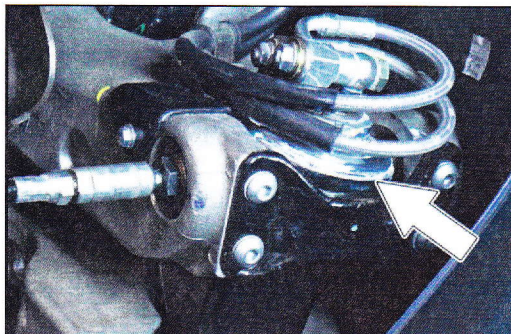


7. Lock the screw securing the bottom of the side sleeve to the parallelogram at a torque of **45 ÷ 50 Nm**;

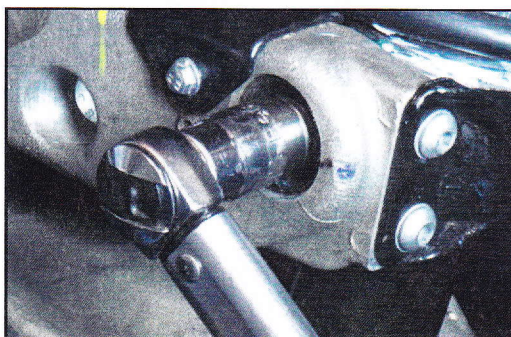




8. Do the same with the lubrication of the upper bearing of the same sleeve, until detecting leakage of grease from the sealing surface of the upper dust gaiter;



9. Lock the screw securing the top of the side sleeve to the parallelogram at a torque of **45 ÷ 50 Nm**.



Repeat the process with the greasing of the bearings of the other sleeve, always starting from the lower bearing.

To conclude, this supplementary/additional lubrication is advisable according to the operating conditions described above.

Best Regards,

Piaggio & C. SpA

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