

REPAIR SHEET - BRAKE LEVER

REASON:

OPERATOR

WORKSHOP

DATE

REGISTRATION

TIME

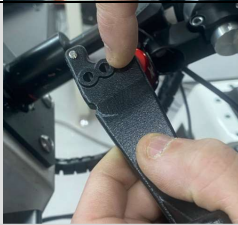
2min 15s

COST

REQUIRED TOOLS

SAFETY

☐ Allen key 1,5mm	☐ Allen key 4mm	☐ 8mm socket	☐ Safety gloves
☐	☐	☐	☐ Safety glasses

	TOOLS	PROCESS	ASSEMBLY DRAWING	ESTIMATED TIME
1	Allen key 1,5	Piston locking using a pin Insert the tip of the Allen key through the pump hole (see image), making sure it is positioned outside the visible washer. This step is essential to prevent the piston from moving and releasing fluid when the brake lever is removed. Do not remove the key until the entire procedure is complete. To help position the pin correctly, gently move the brake lever until the key is fully outside the washer.	 	10s
		REMARKS It is essential not to hit or move the Allen key throughout the rest of the process, as any displacement may cause brake fluid to spill.		REAL TIME
2		Brake lever disassembly Remove the bolt securing the brake lever. In the case of the left-hand lever, this bolt also holds the parking brake switch, so the following instructions refer specifically to that configuration. If working on the right-hand lever, simply skip any steps related to the switch. Use a 4 mm Allen key to unscrew the bolt while holding the nut underneath with an 8 mm socket.	 	40s
		REMARKS If removing the lever that includes the parking brake switch, take extra care with the small plate located beneath the switch, as it can easily fall out. After removing the nut, the bolt may still be tight and difficult to extract. In that case, continue unscrewing while gently pulling to ease it out.		REAL TIME
3		Installing the new brake lever Select the new lever to be installed and repeat the previous procedure in reverse order to secure it properly. Make sure to align the bolt with the correct hole in the lever to ensure proper piston adjustment (see image). Use the Allen key to screw in the bolt while holding the nut in place with the socket. Tighten by hand until the lever is securely fastened, avoiding over-tightening.		70s
		REMARKS If the replaced lever included the parking brake switch, remember to reinstall it before securing the assembly. Ensure the bolt also passes through the hole in the switch to restore proper positioning and functionality.		REAL TIME
4		Final check after lever installation Once the lever's position and tightening have been confirmed, carefully remove the key that was securing the piston, gently moving the lever to avoid any sudden motion. Then, carry out a final system check: - Ensure the lever has proper stiffness. - Confirm there are no fluid leaks. - Check that the lever movement is smooth and correct.		15s
		REMARKS If any issue is detected after installing the new lever, diagnose the source of the problem and repeat the assembly process as many times as necessary to ensure the system is working perfectly.		REAL TIME