

REPAIR SHEET - BLEEDING BRAKE CALIPERS

REASON:

OPERATOR

WORKSHOP

DATE

REGISTRATION

TIME

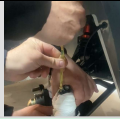
0h 33min

COST

REQUIRED TOOLS

SAFETY

- | | | | |
|---|--|---------------------------------------|---|
| ☐ Hydraulic jack | ☐ Impact driver | ☐ 19mm socket | ☐ Safety gloves |
| ☐ 4mm Allen key | ☐ Absorbent paper | ☐ Bleeding kit | ☐ Safety glasses |

	TOOLS	PROCESS	ASSEMBLY DRAWING	ESTIMATED TIME
1	Bleeding Kit			
	REMARKS			REAL TIME
2	Hydraulic jack	Lifting the vehicle for caliper bleeding To bleed the front brake calipers, lift the BioCargo from the front until the front wheels are approximately 3 to 5 cm off the ground. For the rear calipers, follow the same procedure by lifting the vehicle from the rear.		2
	REMARKS			REAL TIME
3	Impact driver 19mm socket	Wheel removal Attach a 19 mm socket to the impact driver. Remove the four cap nuts securing the wheel to release it. Once loosened, pull the wheel outward to remove it from the vehicle.		5
	REMARKS			REAL TIME
4	4mm Allen key Absorbent paper	Accessing the brake caliper and protecting the system Position the wheel so the brake caliper is easily accessible. IMPORTANT: Wrap the caliper completely with absorbent paper to prevent brake fluid from coming into contact with the brake pads. Use a 4 mm Allen key to unscrew the bolt shown in the image, which provides access to the brake fluid inlet.		4
	REMARKS			REAL TIME
5		Connecting the bleeding kit to the caliper Carefully screw the end of the bleeding kit into the threaded port where the bolt was previously removed.		1
	REMARKS			REAL TIME
6		Caliper bleeding procedure Begin the bleeding process by first removing the air from the vehicle's brake circuit. To do this, gently and steadily pull the syringe plunger to expel the air bubbles from the system. Once no more bubbles are visible, push the plunger to inject brake fluid until resistance is felt. Draw fluid back again to check if any air bubbles remain. If bubbles are still present, repeat the process until they are completely eliminated.		10
	REMARKS			REAL TIME

	TOOLS	PROCESS	ASSEMBLY DRAWING	ESTIMATED TIME
7		Disconnecting the bleeding kit Carefully unscrew the bleeding kit. Take special care during this step to prevent the brake fluid accumulated at the tip of the tube from dripping onto the brake pads.		1
	REMARKS			REAL TIME
8		Circuit closure and final check Reinsert and tighten the bolt previously removed using the 4 mm Allen key. Thoroughly clean any remaining fluid in the area. Finally, verify that the brake system is functioning correctly.		10
	REMARKS			REAL TIME

VERY IMPORTANT: If at any point during the procedure brake fluid comes into contact with the brake pads, it is essential to replace them once the bleeding process is complete.
 Using contaminated pads significantly reduces braking performance and compromises safety.