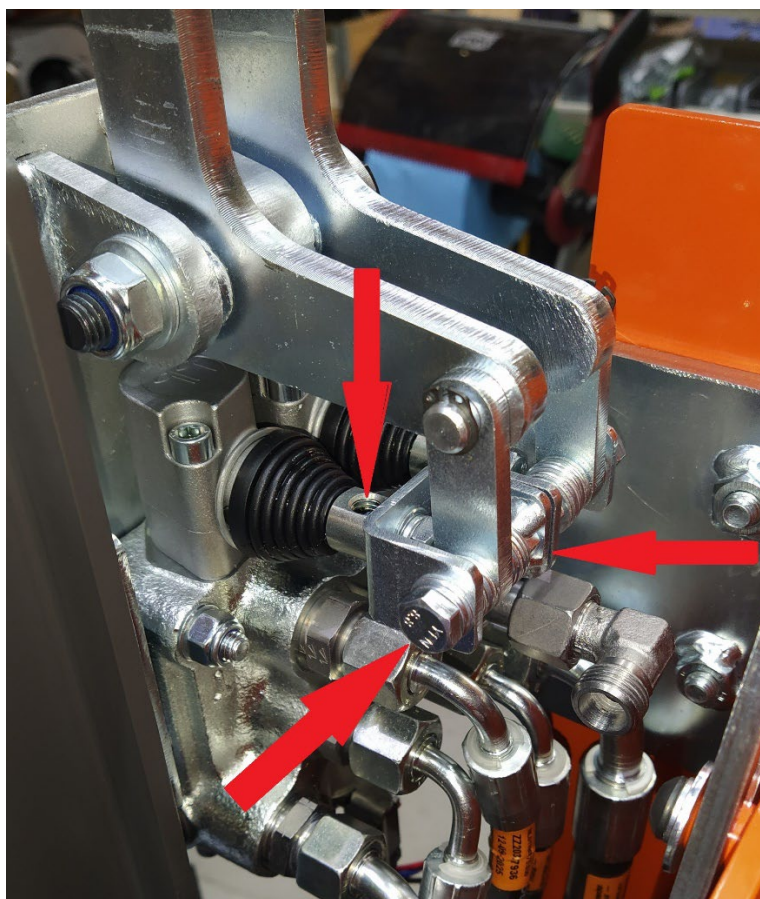


SB, Loose Handles, BMS 220ADB, 2026-03

SYMPTOM/DESCRIPTION

There have been reports of loose handles on BMS 220ADB Scrapers. These handles are used to control the direction of movement and the height and the inclination of the cutting head. Two hydraulic valves are controlled by pulling and pushing these handles to operate the machine. The reports show a lack of adhesive in the threaded connections of the handle levers and the components associated with them. The threaded connections that must be cleaned and have adhesive applied are pointed out with red arrows.



AFFECTED UNITS

There is no specific Serial Numbers range to point to. The affected units are some of those made in Poland before the production was moved to another location. Anyway, the corrective action can be applied to every BMS 220ADB Scraper showing this symptom.

CORRECTIVE ACTION

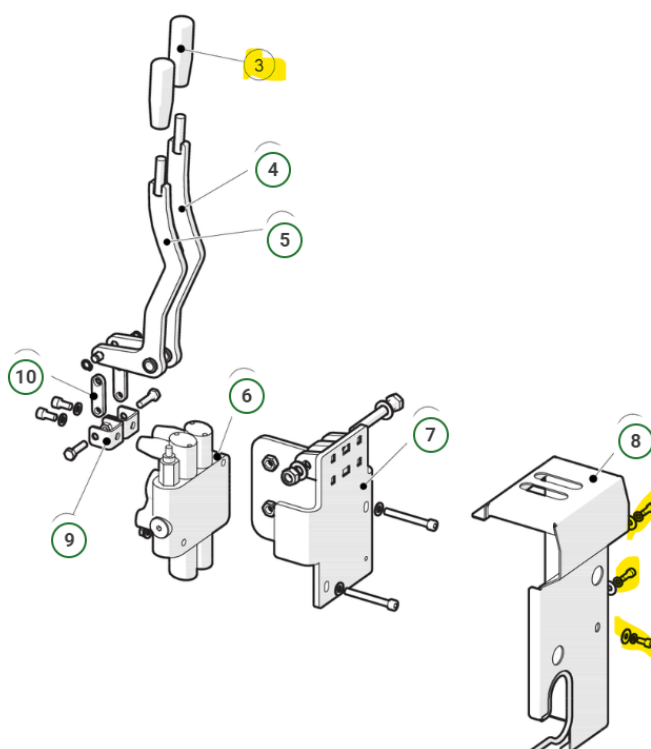
The remedy for this issue is to disassemble the handle system to a certain extent, clean the threads with a degreaser if needed, apply the specific adhesive to the respective threads, and reassemble the parts.

PROCEDURE

The procedure needed to fix this issue is not easy to perform. There are two handles on each side of the operator's seat, and the threads that must be worked on, are located in a very confined area.

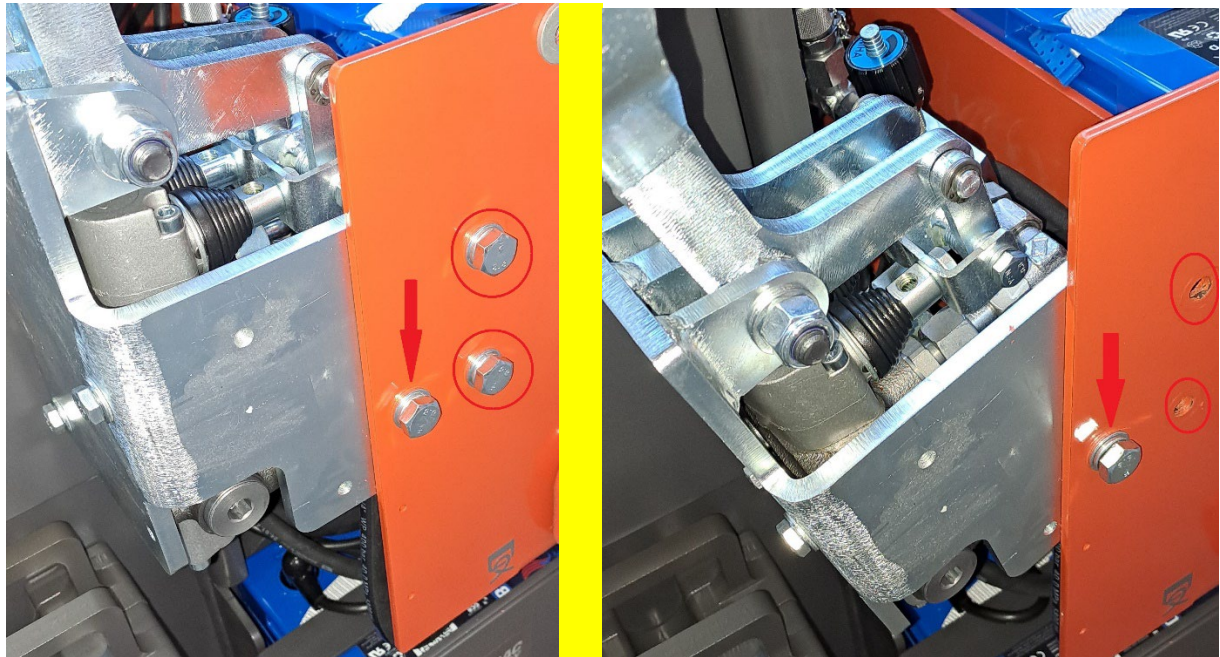
To open that area, remove the grab handles #3 on the handle levers. Then remove the screws affixing the cover #8 to the handle mechanism and pull up the cover to remove it.

BMS 220ADB
STEERHANDLE, LH

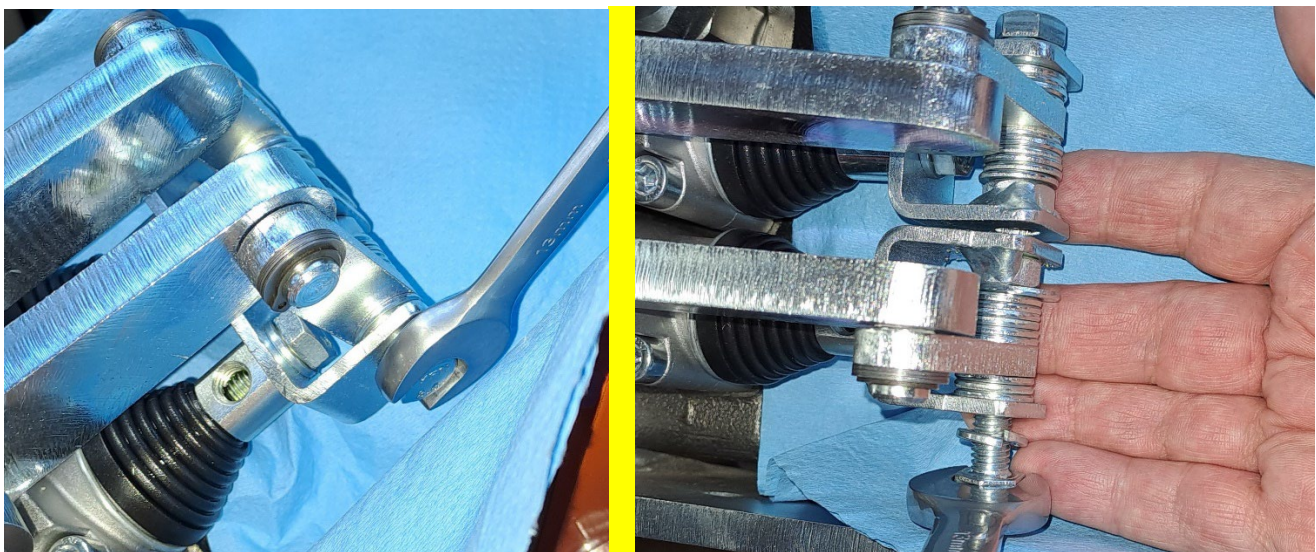


The threaded connections on the inner levers, that control the height and the inclination of the cutting head, are somewhat easier to work on. The threaded connections on the direction control levers can be more problematic; therefore, this SB focuses only on them. This activity also applies to other levers and screws.

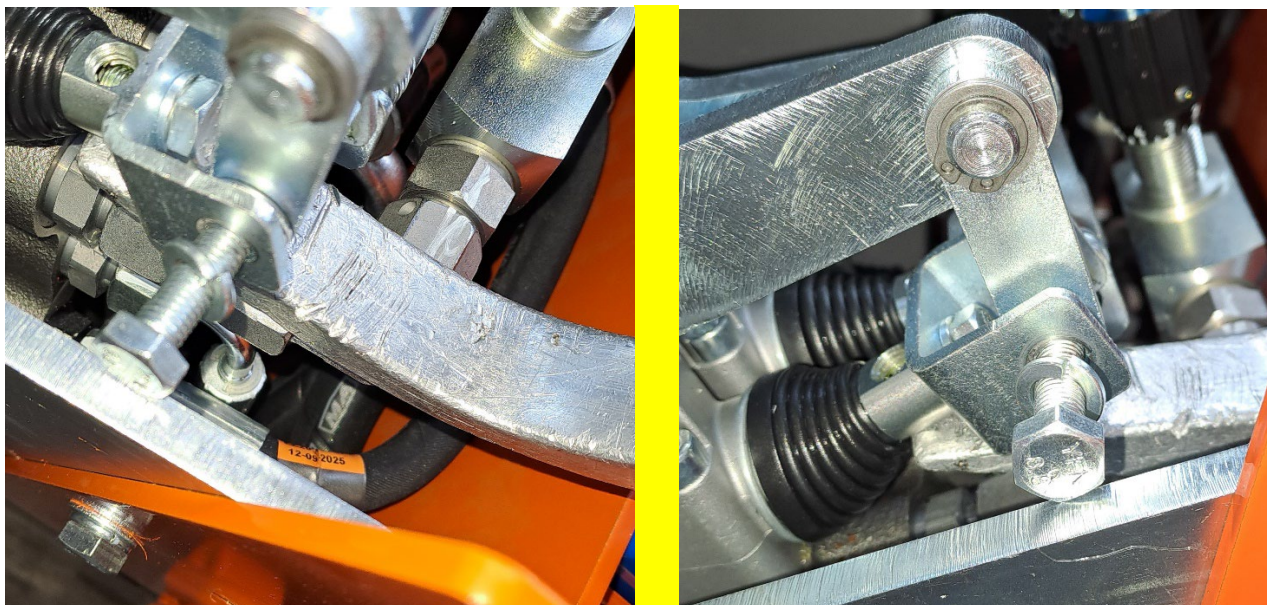
Remove the two hexagon head screws affixing the valve bracket to the battery compartment. Loosen the third screw slightly. Incline the bracket with the valve forward as much as possible. Tighten the third screw to keep the valve in position. Wrench size: 17



Place some cleaning papers or towels under the brackets of the lever mechanism. In the brackets that the hexagon head screws go through, there are several washers. Place your hand under the washers to catch them if needed.



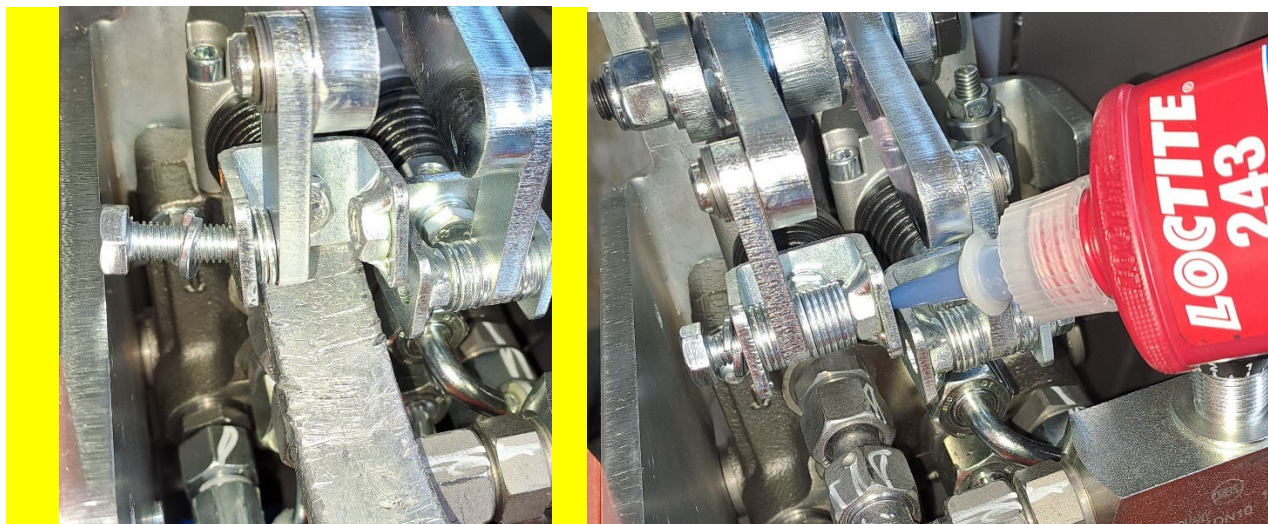
It is very difficult to remove the hexagon screw, as the head stops at the valve bracket. You'll need some kind of lever to push the small arch-shaped bracket upward. This will enable you to orient the hexagon head of the screw slightly above the edge of the valve bracket, and finally pull it out. Wrench size: 13



Use a 13 mm socket bit and a ratchet wrench to remove the problematic screw connection. Sprinkle the threads of the connection with degreaser. When the degreaser has vaporised, apply Loctite 648. Tighten the screw, orienting the arch-shaped bracket to its original position. Be careful not to overtighten the screw, as it goes into the small valve lever that controls the position of a spool inside the valve. You can hold the valve lever (marked with a red arrow below) in place with a wrench while tightening the screw, wrench size 14.



Reassemble the screw with all washers in the lever control. Apply Loctite 243 to it. Alternatively, apply the glue in the nut's thread before the screw is fully tightened, as shown in the picture.



Repeat with the opposite hexagon head screw.

Reinstall the front cover of the mechanism and put back the grab handles on the levers.

Proceed to the lever mechanism on the other side of the machine.

PARTS INFORMATION

What parts to order and how – No need to order additional parts

Scrap parts in local stock. - No

Update products in local stock. - No

Recall products from customers and update. - No

Update sold products during next service if part caused problem or anyway. Only if the symptom is present.

WARRANTY INFORMATION

The normal warranty policy applies.

Revision History

Rev.	Date	Order id.	Description
A	2026-03	00258963	Created