





Technical Bulletin No: 17-2015

Title:	JCB Micro Excavator Control Lever Lock		
Priority	Red	Red – Audit Rating: Non-Conformance-Major	
Legislation:	PUWER, HASWA S6		
Brief Description:	JCB Micro Excavators Control Lever Lock may not engage fully. Other micro excavators with manual control lever locks should also be checked.		
Equipment Affected:	All Micro and mini excavators fitted with manual lever locks including: JCB 8008 / Kubota K008 / Takeuchi TB108 / Yanmar SV08		
<p>During SafeHire audits it has been identified that the Control Lever Lock on JCB Micro excavators does not engage smoothly or cannot be engaged on some machines (image 3). A simple adjustment can be completed. Other excavators fitted with manual lever locks should also be checked to ensure the control lever lock prevents unplanned movement of the excavator end (slew, boom, dipper, bucket) should a lever be inadvertently moved.</p> <p>To check or adjust, ground the excavator end to prevent unplanned movement, stop the engine and engage the lever, image (2) shows the lock engaged. If the lever does not engage, carefully loosen the fastener (image 4) adjust control levers (rotate carefully) and engage the lock. Retighten the bolt and then test that the lock is smooth in operation.</p>			
1 - JCB 8008 – Control Lever Lock in unlocked position		2- JCB8008 – Control lever lock in locked position	
			
3 - JCB 8008 –Control Lever Lock not engaging fully to lock levers		4 - JCB 8008 – Control Lever retaining bolt, loosen to adjust angle to allow lock engagement	
			
Recommended Actions:	<ul style="list-style-type: none"> • Ensure lever lock operation is checked • Adjust lever lock if within capabilities of engineer carrying out the inspection, if not arrange for the work to be completed before machine is ready for hire • If machines are leased or cross-hired, ensure that safety levers and control lever locks are checked / operate correctly before hire • Consult operators handbook and ensure correct operation is confirmed 		
Circulation:	workshops, mobile service and management team		

Title:	JCB Micro Excavator Control Lever Lock	Bulletin Number:	17-2015	Creation Date:	19/11/2015
Authors:	TfH Ltd	Reviewed by:	HAE Tech H&S Committee Nov15	Revision:	V1.2