Brake chambers manufactured with a welded clevis pushrod assembly have a pre-set "K" dimension (typically 2.25") as shown in the figure below. Because the "K" dimension is so short the corresponding pushrod length is also very short (typically 1.00"). When a “universal” replacement brake chamber with a long threaded pushrod is used the pushrod must be cut very short (1.00"). The resulting threaded length is not enough to fit the conventional forged clevis and a jam nut.

In some cases the stack up of the jam nut and the forged yoke will prevent the brake chamber from fully retracting. Brake chambers must be allowed to fully retract to zero stroke in order to completely release the parking brakes and to allow the automatic brake adjusters to function properly.

To avoid any possibility of incorrect brake chamber installation and poor brake performance, Haldex recommends using only replacement brake chambers with a welded clevis pushrod. See Haldex bulletin No. L20693 for a list of all the genuine Haldex brake chambers with the welded clevis.

Questions? Contact your local Haldex sales professional or call Haldex Tech Services at 1-800-643-2374 for more information.