



TECHNICAL SERVICE BULLETIN

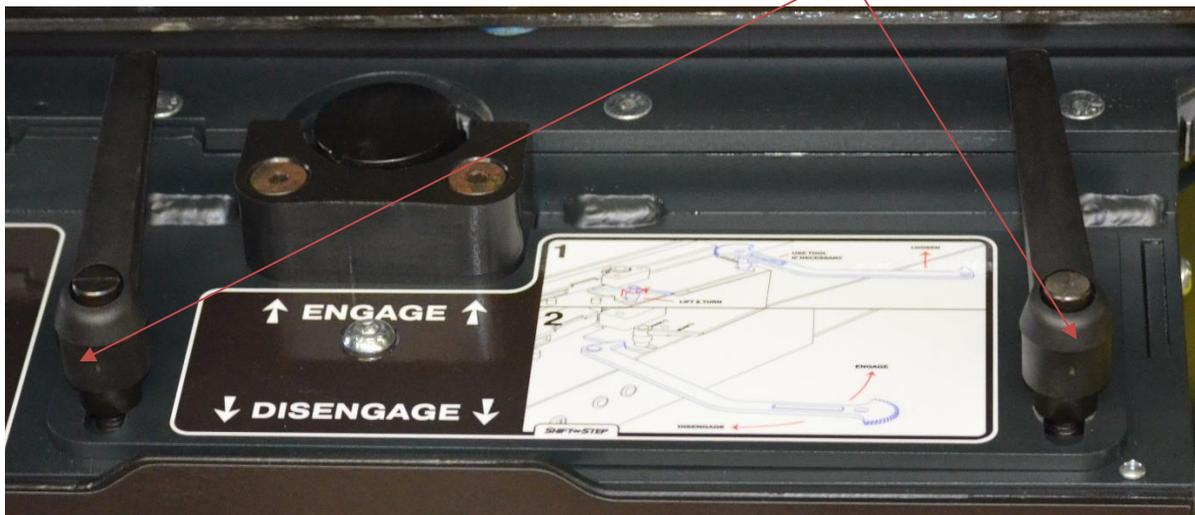
Technical Service Bulletin Number- TSB0002

Date- 8/21/2018

Item, Unit or Assembly Affected- Shift-N-Step Adjustable Clamping Levers for Motor Slide Plate (aka; Locking Handles)

Serial Number(s) Affected- All Shift-N-Step Units with Serial Numbers prior to SNS570124 (SNS570001 thru SNS570123)

Reason for Bulletin- Under certain conditions, it is possible that the Motor Slide Plate Adjustable Clamping Levers (The black plastic "L" Handles used when disengaging the Motor Pinion Gear for Manual Override Operation) to become difficult to loosen. This could lead to breakage of the plastic portion of the lever. It is also possible that these handles could be broken due to over-tightening. If this should occur, it would be difficult to disengage the pinion gear in order to make a manual override maneuver.





Action Required- If this does occur, it should be possible using a flat blade screwdriver, to unscrew the small retaining screw at the top of the handle stem and remove the retaining screw and spring along with the remnants of the broken handle. Then, by using locking pliers, loosen and/or remove the remainder of the Clamping Lever. Before installing replacement handle(s), it will be necessary to coat the threads with an anti-seize lubricant or a high quality general purpose grease (such as wheel bearing grease). As a preventative measure In ALL cases, remove both Locking Levers and apply grease or anti-seize to prevent any future issues. Also, all personnel should be instructed to never use the manual override handle (or any other tool) to tighten these handles. GENTLY hand tighten ONLY. Finally, it is recommended that when performing routine maintenance at 750 – 1500 shifts (as measured by the shift counter), that these handles be loosened and re-tighten to insure proper operation. If they are difficult to loosen, remove and re-lubricate.



Replacement Adjustable Clamping Levers (Part Number SNSPACL1) are available free of charge directly from AbiliTrax and Labor reimbursement claims may also be made by contacting mary@abilitrax.com. Labor allowance will be at a rate .25 hrs @ \$90.00 per hour (\$22.50 total).

Safety Issue? Possible – It is advised that this service be performed as soon as possible as this malfunction would make it difficult to perform a Manual Override operation without additional time and tools.