

Technical Service Bulletin

ILISP510/610-A Wheel Chair Lift Interlock

TSB#T2011-002 11-09-11

Products: ILISP510-A, ILISP610-A wheel chair lift interlocks

Vehicle: All vehicles with interlock installed

Issue: Some newer wheel chair lifts no longer generate the Deploy Request signal from their on-lift control switches or hand-held pendant switches. The Deploy Request signal has been used in the past to wake up the interlock and cause it to enable the lift via the Vehicle Secure signal when safety conditions are met.

Changes: Firmware was modified on these products to automatically provide the Vehicle Secure enable signal whenever safety conditions are met and the interlock is awake, without the need for the Deploy Request signal from the lift. This is called Auto Enable Mode. This change was implemented with the following firmware versions:

ILISP510-A v2.01 onward, production started 10-07-11

ILISP610-A v2.02 onward, production started 10-12-11

Results: This will allow users to operate the lift using the on-lift controls and/or hand-held pendant controls when the interlock is awake. The interlock wakes up from vehicle electrical activity such as inserting key in ignition, opening doors, etc. This is vehicle dependent. The remote key fob can still be used to wake the interlock up and enable the lift and door operators (if installed).

Also note that since the lift is now enabled every time the interlock wakes up, the lift may chirp and turn on its lights whenever they key is inserted into the ignition, whether the lift is used or not. Some lifts may also increment their cycle counter.

Additional Notes:

- Auto Enable Mode may not be desirable for all installations, and can be disabled by the installer. See Intermotive Application Note for ILISP510/610-A for details. See www.intermotive.net
- Ensure that the lift can be operated from inside the vehicle when the remote key fob is inoperable (due to dead battery, etc.).

See Intermotive Application Note for the ILISP510-A / 610-A for additional explanation and information.

