Title:	**Plate not Lifted**		ID:
			0388
Date in:	**Response:**	**Model:**	**Author:**
2013-11-14	*2013-11-14*	*STX40*	*CMa*

Q:

We are attempting to put a Liconic incubator (Model STX40, serial number 1251 IC), that has been in storage for some time, back into service. We have been testing the unit using the STXPanel software. We are able to control the incubator temperature, CO_2 level, open and close the gate, and to some extent manipulate the stacker. The problem that we are having is that plates are not being picked up during plate transfer operations. The shovel extends under the plate but does not lift the plate. Instead the shovel retracts and the system seems to stall at this point. As an example, we issue the following sequence of commands:

ST 1801 OK
RD 1915 1
WR DM0 1 OK
WR DM5 3 OK
ST 1905 OK (the shovel extends under plate #3 then retracts and stops, without having picked up the plate)
RD DM200 08961

We would be grateful for any advice that you can give us in solving this problem

A:

Pls. check if you have same behavior at the cassettes (use 1904 instead of 1905).
Could be that the Shovel Front sensor is not detected. You may read the Shovel Front by

RD 12