Title:	**Change Shovel Fast Speed**	ID:
		0032

Date in:	Response:	Model:	Author:
2004-10-08	*2004-10-08*	*HS Carousel*	*CMa*

Q:

I am having a slight issue with a HS carousel and have a couple of questions.

The HS carousel is being used on a large system and a problem is being caused by the handler speed and the plates moving on the handler at plate retrieval.

The handler moves so fast that sometimes the plate is dislodged on the handler thus leaving a random positioning for the RoMa arm togrip the plate and thus problems for pipetting on the EVO.

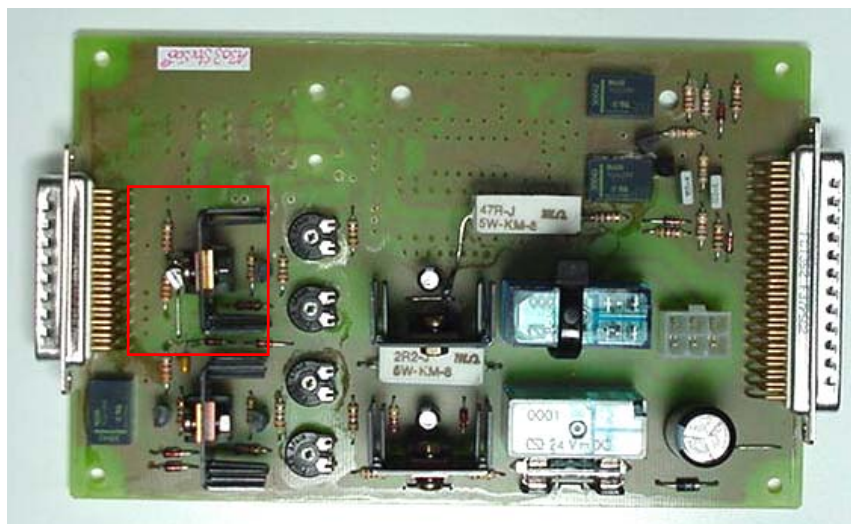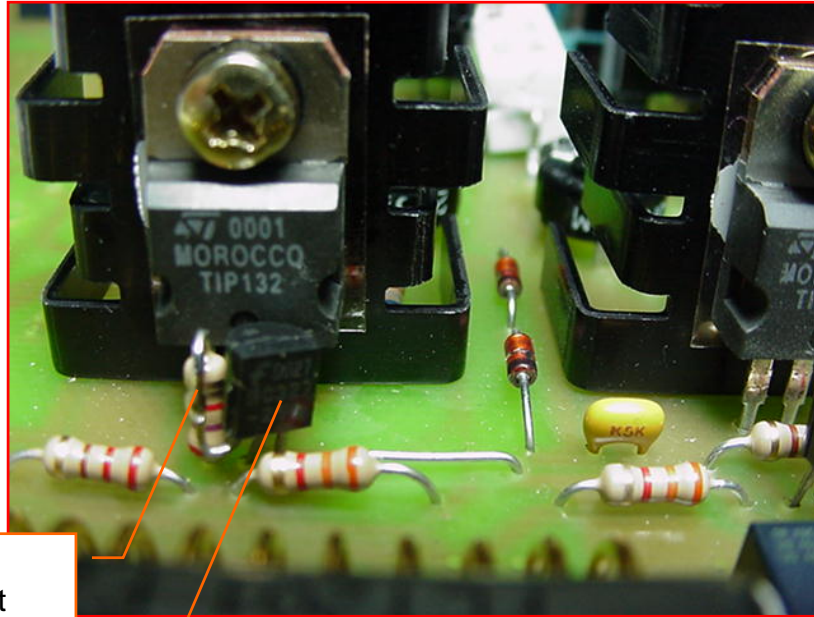Is it possible to slow down the handler speed ?

A:

The time the handler runs at full speed is T48

The timer can be read by "RD T48".
The timer may be changed "WS T48 v" (v=value, reduce value returned by the RD T48)
The slow the speed a small hardware change is required. I added some pictures.

Resistor
Shovel Fast

Small Signal
Transistor