Ford Romania Intern Program
Internship Workplan

Function Name:	Improve the detection of parts in 8C 120 station	**Supervisor Name:**	C.Stanculescu
Department Name:	Maintenance	**Supervisor CDSID:**	**cstancul**
Assignment Location:	Body Shop	**Supervisor Position#:**	**Maintenance Senior Eng.**

Project Description

When the robot from 8C-120-R3 are putting the parts in 130 station and because the parts received from stamping are not exactly the same, the sensors from 130 station does not detect all the parts and the robot from 8C-130-R1 cannot take some parts from the 130 station. The consequence is repeated breakdowns.
We propose to add on the robot gripper two additional fixtures in order to eliminate the repeated breakdowns.
Project name: Improve the parts detection in 8C-130 station.

Measurable Objectives

Improve the MTTR & MTBF

Expected Major Contributions

Increase the Up-time for the line.

Expected Benefits to Intern

Decrease breakdown time

Intern Qualifications (schooling, work experience, major)

PLC Programmer
Technical knowledge
Vision of process