

Ford Romania Intern Program Internship Workplan



Project Name:	Multispindle M/C Project	Supervisor Name:	D. Iova
Department Name:	Maintenance	Supervisor CDSID:	diova
Assignment Location:		Supervisor Position#:	Maintenace Senior Eng.
Project Description			

Objectives: Improvement of CHASSIS 2 underbody screws tightening in an automatic manner. The Project means to modify one existing installation depending on the needs in line. It is required a high degree of accuracy and synchronization.

Mechanically speaking, it's a challenge because there are a lot of (different size) bolts & nuts position underbody to be tightened. The rate of accuracy in function needs to be higher than 99%. Centering and positioning underbody are the main issue of this project..

Therefore it is proposed to build a multi task tightening system.

Project name: **Multispindle M/C**

Measurable Objectives

Identify and tight the underbody screws and nuts;
Identify improper tightening torque

Expected Major Contributions

Identify opportunities for CHASSIS Line efficiency.

Expected Benefits to Intern

Eliminate breakdown generated by actual manual tightening

Intern Qualifications (schooling, work experience, major)

Vision of process
Technical knowledge