

## M:2:I Individual Task Report

**Weekly individual task reports are due no later than 12:00 p.m.**

Project Information	
Project Name	MAVRIC
Team name	Mechanical
Your Name	Riley Roche
Week Number	5
Individual Status Report	
My tasks are currently:	On Track

Please put any comments below on your status with your tasks.

This week, a lot of progress was made on the rover's suspension. The design of the drive motor mounting sleeves was completed, and a 3D printed prototype was made. This prototype was test fit with the drive motor, gearbox, wheel, and drop plates; the components all fit together perfectly, which means we can continue with suspension assembly.

I worked with a couple other team members to disassemble last year's rover; this allowed us to remove the suspension for partial reuse this year and clean the old rover chassis for future use by other groups.

In preparation for the assembly of the new suspension, myself and a couple other team members removed the pin from the old suspension's main joint and cleaned the dry lubricant off. The team will now be able to hold an "assembly party" Friday afternoon to get the rover ready for drive testing.

Task Report			
Task	Due Date	Progress	Status
Drive Motor Mount Design	2/3/2017	100%	On Track
Old Suspension Disassembly	2/7/2017	100%	On Track
New Suspension Assembly Preparation	2/9/2017	100%	On Track