Status Update 1

BAJA SAE

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Drivetrain Update

- Placed order for GX-9 CVT
  - Gaged Engineering
  - Initial Drive ratio is 3.9:1
  - Final Drive Ratio: 0.9:1
Drivetrain Update

- Belt Ratio
  - Previous teams used 11:1
  - New calculations suggest 7:1 is optimal with the new CVT
Drivetrain Update

- Short-term goals:
  - Finish calculation of belt ratio and place order for custom belt
  - Start construction of drive-train housing
Suspension Update (front)

- Design is 100% Complete
- Front control arms are 85% complete
  - Constructed using jigs for precision and speed
  - A-arm materials have been ordered and received
- Setbacks:
  - Heim joints damaged on one A-arm (threads)
    - A-arm will be rebuilt
Suspension Update (front)
Suspension Update (rear)

- Design is 100% Complete
- A-arm materials have been ordered and are in transit
- No setbacks at this point
  - Lesson learned on front A-arms dictates continued blow-torch on the jig plate to allow slow cooling
Gantt Chart as of Last Meeting: 1/31/12