

		Name	Duration	Start	Finish	Predecessors
1	✔️	📁 Initial Design and Part Selection	5 days	8/28/13 8:00 AM	9/3/13 5:00 PM	
2	✔️	Team Assignments	5 days	8/28/13 8:00 AM	9/3/13 5:00 PM	
3	✔️	📁 Vehicle Repair and Part Replacement	109 days?	8/28/13 8:00 AM	1/27/14 5:00 PM	
4	✔️	Suspension	46 days?	8/28/13 8:00 AM	10/30/13 5:00 PM	
5	🔧 ✔️	📁 Brakes	109 days?	8/28/13 8:00 AM	1/27/14 5:00 PM	
6	✔️	Buy brake parts	105 days	8/28/13 8:00 AM	1/21/14 5:00 PM	
7	🗂️ ✔️	Install brake parts	4 days?	1/22/14 8:00 AM	1/27/14 5:00 PM	6
8	✔️	Push Rods Replacement	44 days?	8/28/13 8:00 AM	10/28/13 5:00 PM	
9	🔧 ✔️	Steering	75 days?	8/28/13 8:00 AM	12/10/13 5:00 PM	
10	✔️	King Pin Replacement	31 days?	8/28/13 8:00 AM	10/9/13 5:00 PM	
11	✔️	Chasis Modification	44 days?	8/28/13 8:00 AM	10/28/13 5:00 PM	
12	🗂️ ✔️	Further Adjustments	11 days?	11/1/13 8:00 AM	11/15/13 5:00 PM	
13	✔️	📁 Initial Analysis	29 days?	8/28/13 8:00 AM	10/7/13 5:00 PM	
14	🔧 ✔️	Collect initial Data	14 days?	8/28/13 8:00 AM	9/16/13 5:00 PM	
15	🗂️ ✔️	Run analysis on mechanics and system	14 days?	9/18/13 8:00 AM	10/7/13 5:00 PM	
16	🗂️ ✔️	Design initial model	7 days?	9/3/13 8:00 AM	9/11/13 5:00 PM	
17	🗂️ ✔️	📁 Motor Research and Selection	14 days?	9/2/13 8:00 AM	9/19/13 5:00 PM	
18	✔️	Research and Candidate selection	14 days?	9/2/13 8:00 AM	9/19/13 5:00 PM	
19	🗂️ 🔧	Buy motors	1 day	9/19/13 8:00 AM	9/19/13 5:00 PM	
20		📁 Fabrication and Installation	35 days?	9/20/13 8:00 AM	11/7/13 5:00 PM	17
21	✔️	Fabricate motor mounts	15 days?	9/20/13 8:00 AM	10/10/13 5:00 PM	
22		Find and Install Motor Spline	28 days?	9/20/13 8:00 AM	10/29/13 5:00 PM	
23		📁 Axle	35 days?	9/20/13 8:00 AM	11/7/13 5:00 PM	
24	🔧	Rear axle	21 days?	9/20/13 8:00 AM	10/18/13 5:00 PM	
25		Chain Drive	14 days?	10/21/13 8:00 AM	11/7/13 5:00 PM	24
26	🔧	📁 Master Controller Research and Selection	25 days?	9/20/13 8:00 AM	10/24/13 5:00 PM	17
27		Controller selection	20 days?	9/20/13 8:00 AM	10/17/13 5:00 PM	
28		Buy controller	5 days?	10/18/13 8:00 AM	10/24/13 5:00 PM	27
29	🔧	📁 Motor Controller Research and Selection	22 days?	9/20/13 8:00 AM	10/21/13 5:00 PM	17
30		Motor Controller selection	21 days?	9/20/13 8:00 AM	10/18/13 5:00 PM	
31		Buy Motor controller	1 day?	10/21/13 8:00 AM	10/21/13 5:00 PM	30
32	🔧	📁 Battery Research and Selection	31 days?	9/7/13 8:00 AM	10/21/13 5:00 PM	
33	🗂️	Battery selection	28 days?	9/7/13 8:00 AM	10/16/13 5:00 PM	
34		Buy batteries	3 days	10/17/13 8:00 AM	10/21/13 5:00 PM	33
35		Controller Installation	1 day?	10/22/13 8:00 AM	10/22/13 5:00 PM	32;29;17;13
36		Battery Installation	14 days?	10/22/13 8:00 AM	11/8/13 5:00 PM	29;32;13;17
37		Base Wiring & Switchong Setup	73 days?	10/22/13 8:00 AM	1/30/14 5:00 PM	32;29;13;17
38		📁 Sensor Reserch and Candidate Selection	100 days?	9/11/13 8:00 AM	1/28/14 5:00 PM	
39	🗂️ 🔧	Sensor Selection	99 days?	9/11/13 8:00 AM	1/27/14 5:00 PM	
40		Buy Sensors	1 day?	1/28/14 8:00 AM	1/28/14 5:00 PM	39

The Gantt chart visualizes the project schedule from September 2013 to April 2014. It shows the duration of each task as a horizontal bar, with color-coded segments indicating different phases or statuses. Arrows connect tasks to show their sequential or parallel relationships. Key milestones include the completion of initial design and part selection in early September 2013, followed by vehicle repair and part replacement spanning most of 2013. The final assembly and testing phase begins in late October 2013 and continues through January 2014.