

Group Meeting, Tuesday November 5th

- Found BOM for current system
- Located the pinion gear supplier
- Know metrics of the pinion on the motor spindle of the current BWM
- Found reasonably priced gears.
 - ↳ quantities of 500 and up = \$1.70 / each for ~~aluminum~~ aluminium alloy gear w/ diametral pitch of 32

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Group Meeting Thursday, November 7th

- Gears are more expensive than expected
- \$1.70 gears were made of sheet metal
- Group is considering plastic gears, also considering two motors ~~to~~ ~~considering~~
- Gerry would like to see one technical issue each person is personally responsible.
 - ↳ talk to an expert that can aid you in ~~the~~ solving your issue
- Issues to address
Bore Size, # of motors, # of shafts, materials used, achieving desired gear ratio.
- Chose to go with gearbox resting on track ~~rather~~ rather than a support
- Order LEDs today, will test circuit once built
- 2 choices, bore out square hole to circular hole in the crank arm or use a set screw
- Designing track for two pins holding gearbox in place at once.



