

Issues: Lower the frame

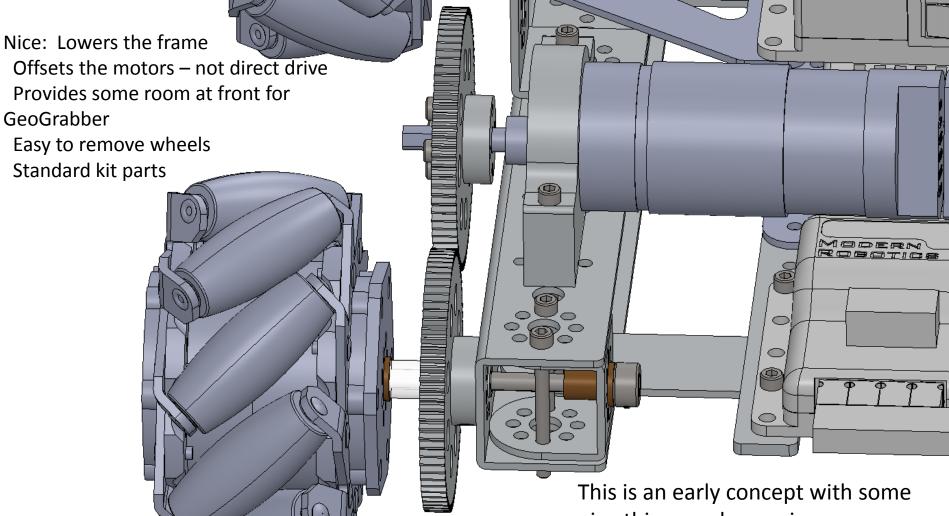
Offset the motors – not direct drive

Provide room between motors for wiring

Lower the wheels motors – clearance for Flip motor travel

Provide room at front for GeoGrabber

Concept – Mech Wheels



Not nice: Very long slim shaft – bendie.

Wheels a long way from the frame – larger footprint, less maneuverable.

No room between motors for wiring
Wheels motors are high - no clearance for Flip motor travel

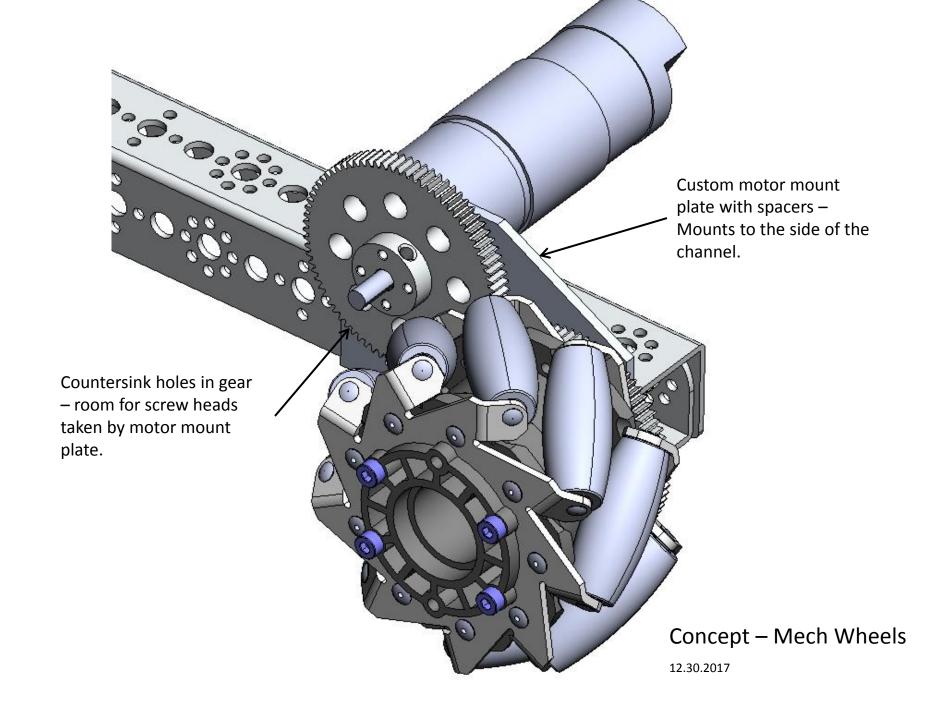
nice things and some issues.

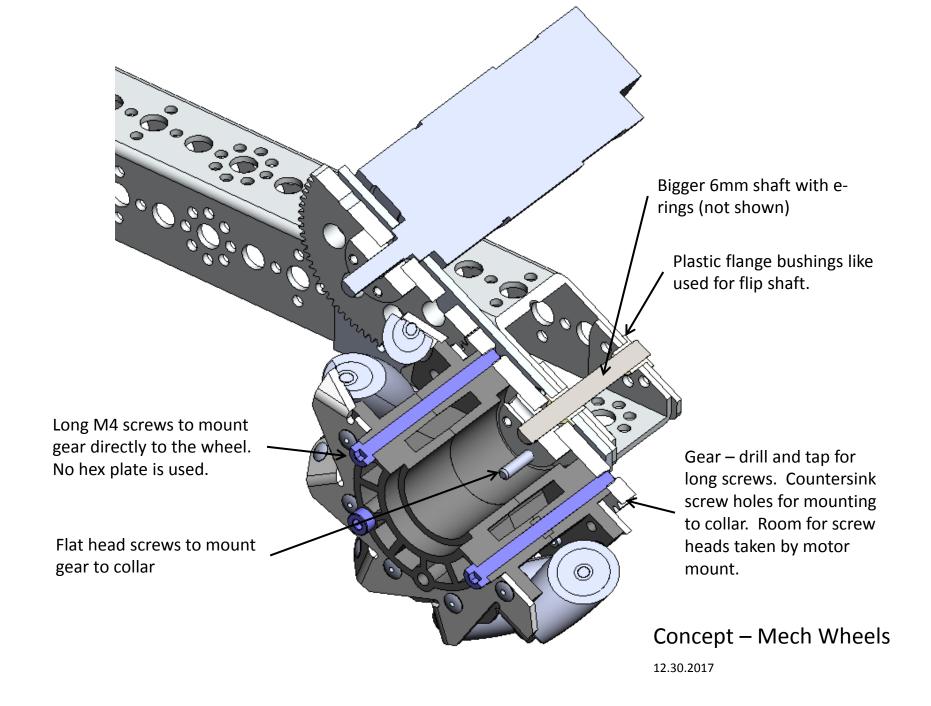
Todays concept is a re-thinking of this concept to address the issues

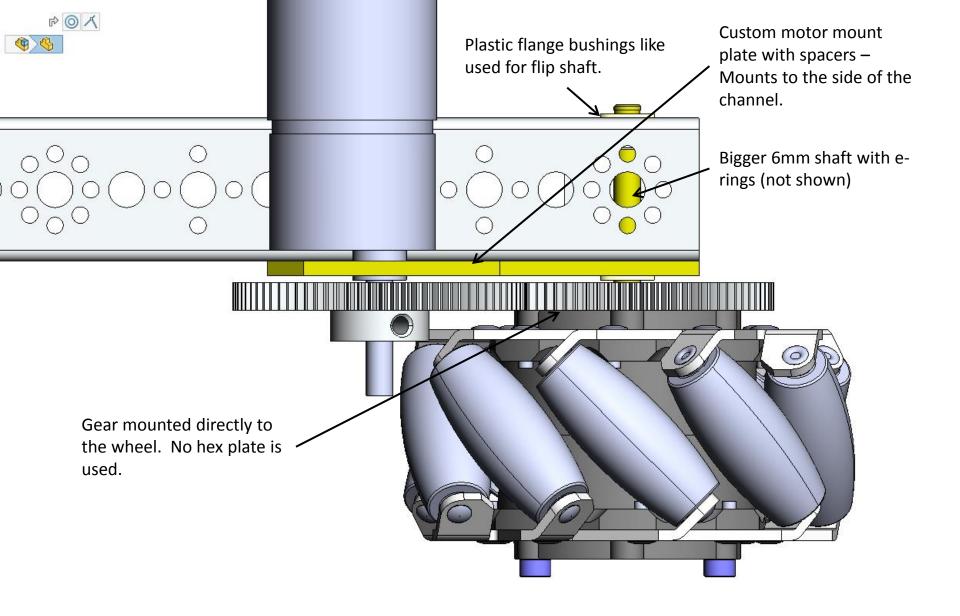
Early Concept –Wheels

12.30.2017

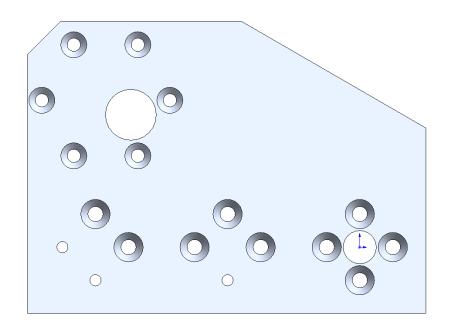
and build on the nice.



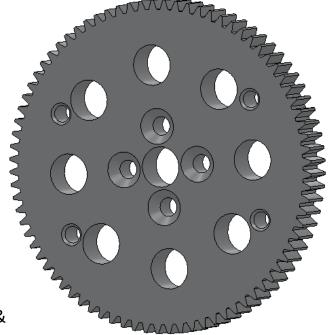




Concept – Mech Wheels



Custom motor mount 4 needed, 2 left, 2 right



Mod to gear – tap M4 & Countersink holes.

Concept – Mech Wheels