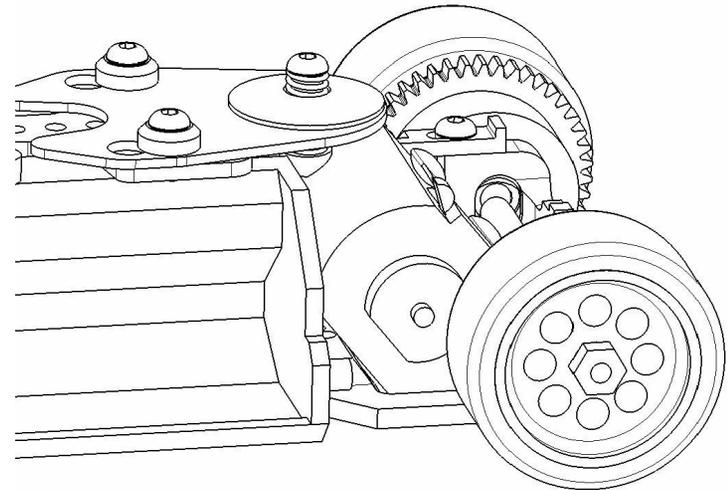
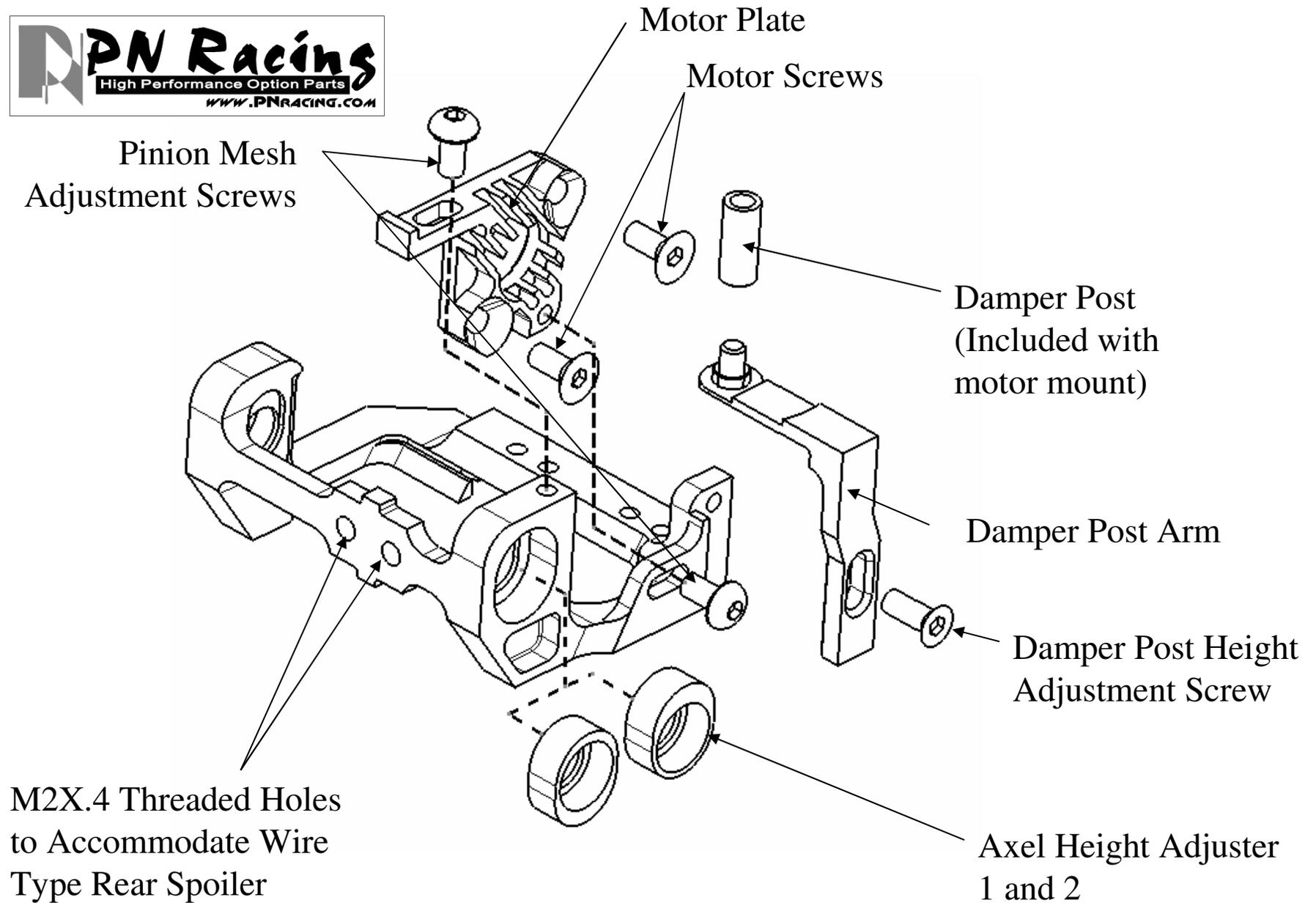


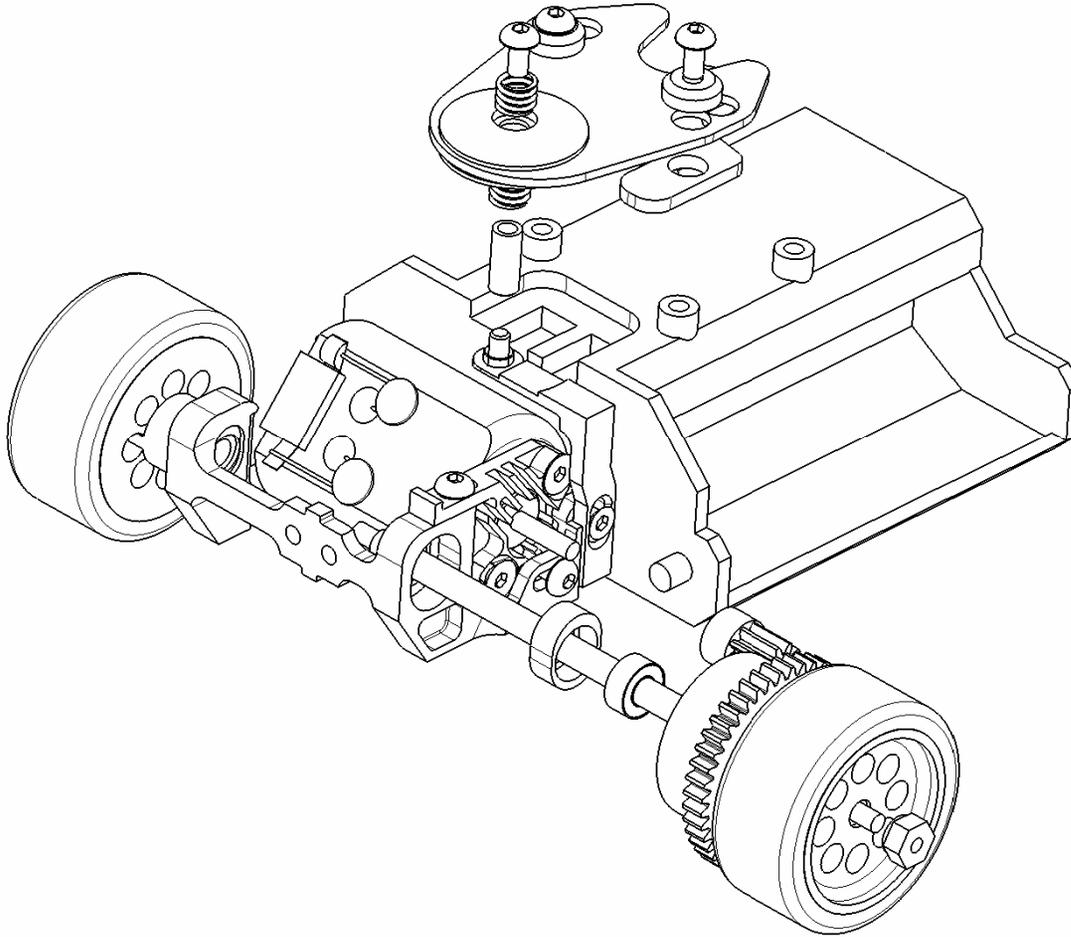
94-98mm LCG Motor Mount

- Short 94mm wheelbase motor mount for quick handling. Can be configured for 98mm or 102mm wheelbase.
- Ultra compact motor mount design. Motor positioned 3 mm lower than typical 94mm motor mount. Motor CG location is now comparable to the longer 98mm motor mount.
- Open design provide clearance for motor replacement. Wheel removal not required for motor change.
- Use of larger gears will not increase motor CG height since motor plate slides horizontally during gear adjustment.
- Low profile damper post arm. Gives more room for up or down damper post adjustment to optimize handling.
- 4 position axel height adjustment.
- Minimum weight design.





MR2294 94-98mm Motor Mount Parts



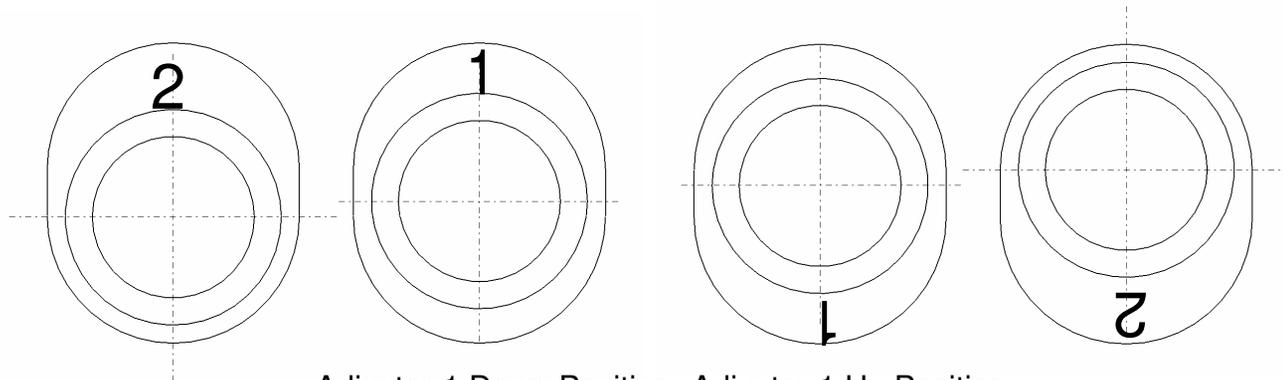
Motor Installation:

- Install either 1 or 2 axel height adjuster insert.
- Install motor on motor plate using M2X.4 counter sunk screws.
- Install motor plate onto motor mount and adjust gear mesh using the two gear mesh adjustment screws.
- Install damper post arm and damper post.

94-98mm LCG Motor Mount Parts Installation Overview



Note: Different axel bearing location. Bearing not centered on either adjuster. 4 different axel heights are possible by rotating adjuster 180° so bearing is either in the up or down position.



Adjuster-2 Down Position
Axel height -0.55 mm
Recommended Starting Position

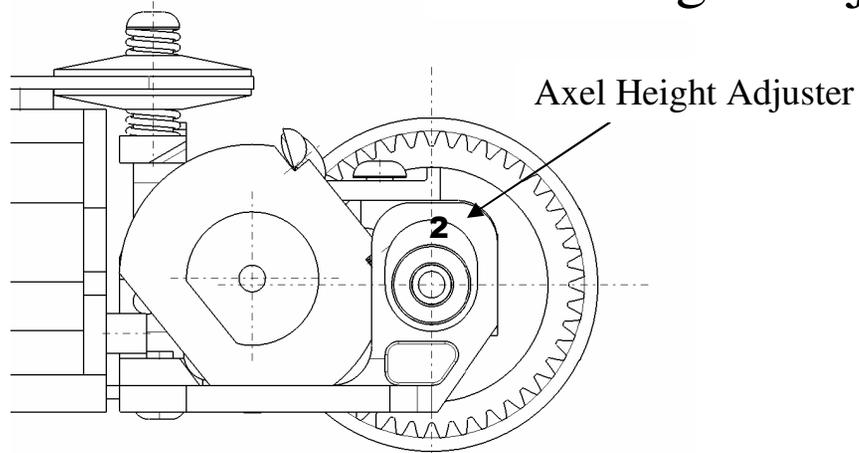
Adjuster-1 Down Position
Axel height -1mm

Adjuster-1 Up Position
Axel height -1.45mm

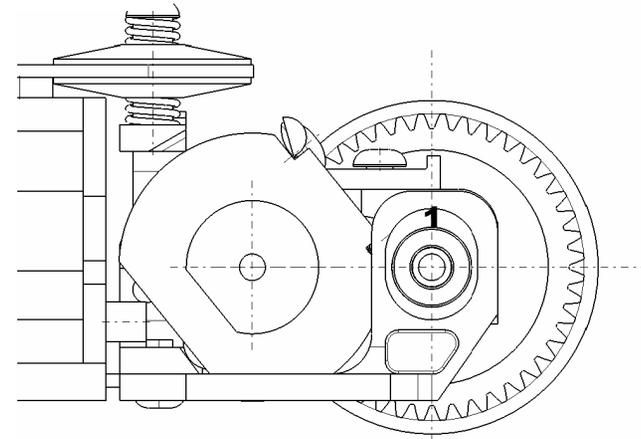
Adjuster-2 Up Position
Axel height -1.9mm
For use with 21mm wheels
(MR2078 or equivalent)

Axel Height Adjuster

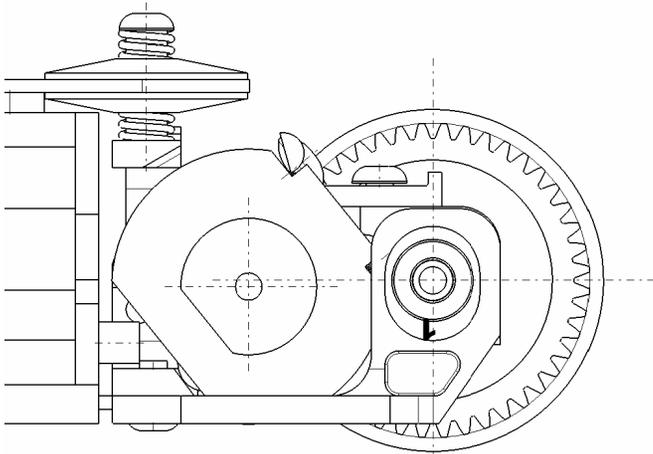
Axel Height Adjustment



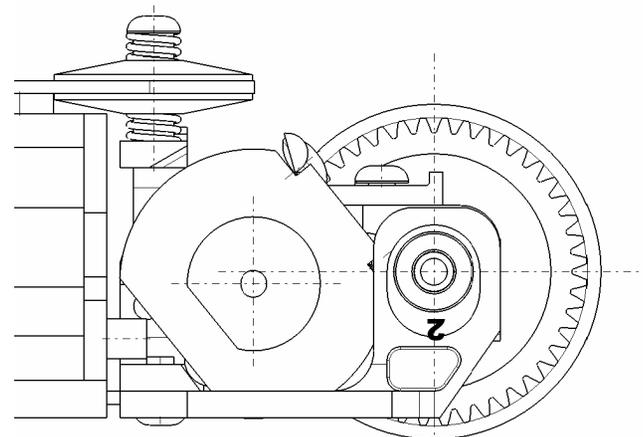
Adjuster-2 Down Position
Axel height -.55 mm
Recommended Starting Position



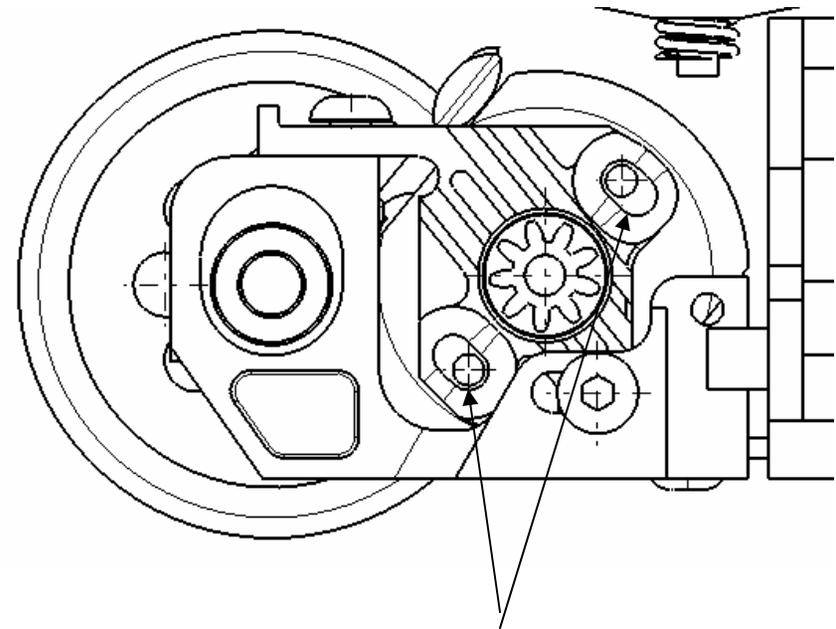
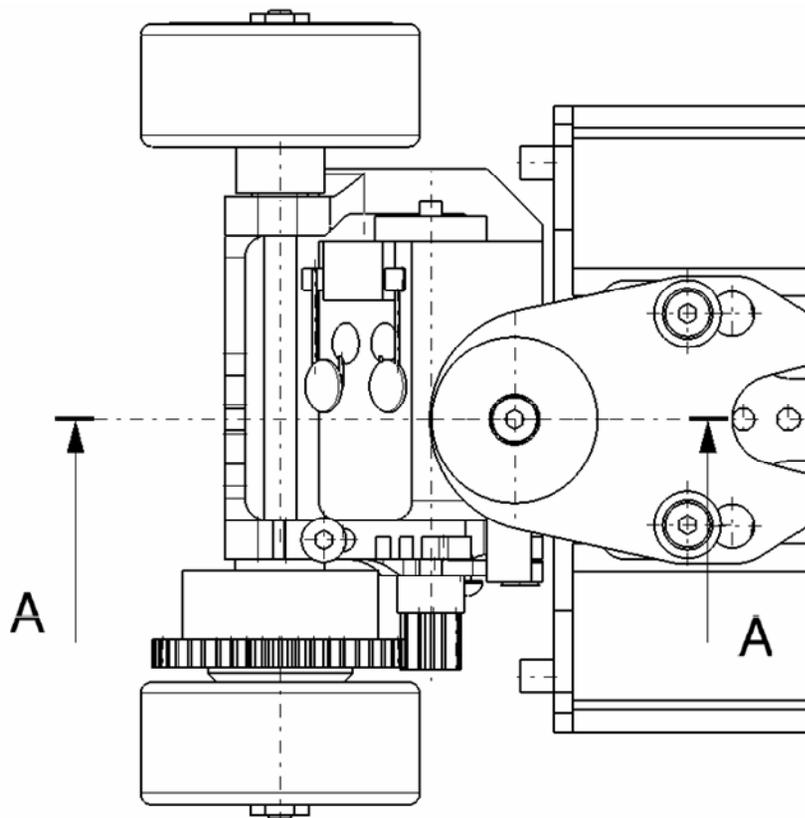
Adjuster-1 Down Position
Axel height -1mm



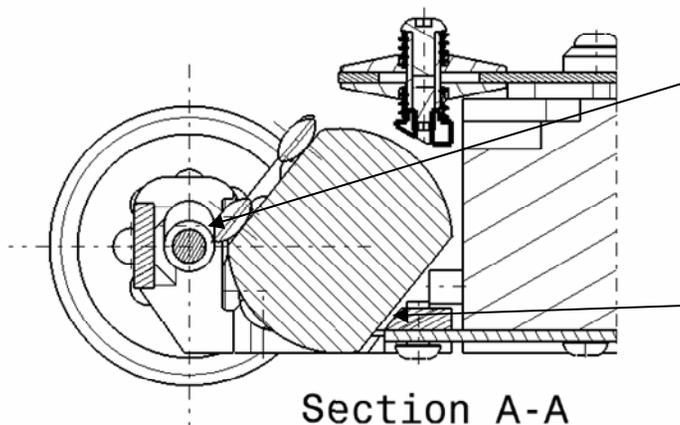
Adjuster-1 Up Position
Axel height -1.45mm



Adjuster-2 Up Position
Axel height -1.9mm
For use with 21mm wheels (MR2078 or equivalent)



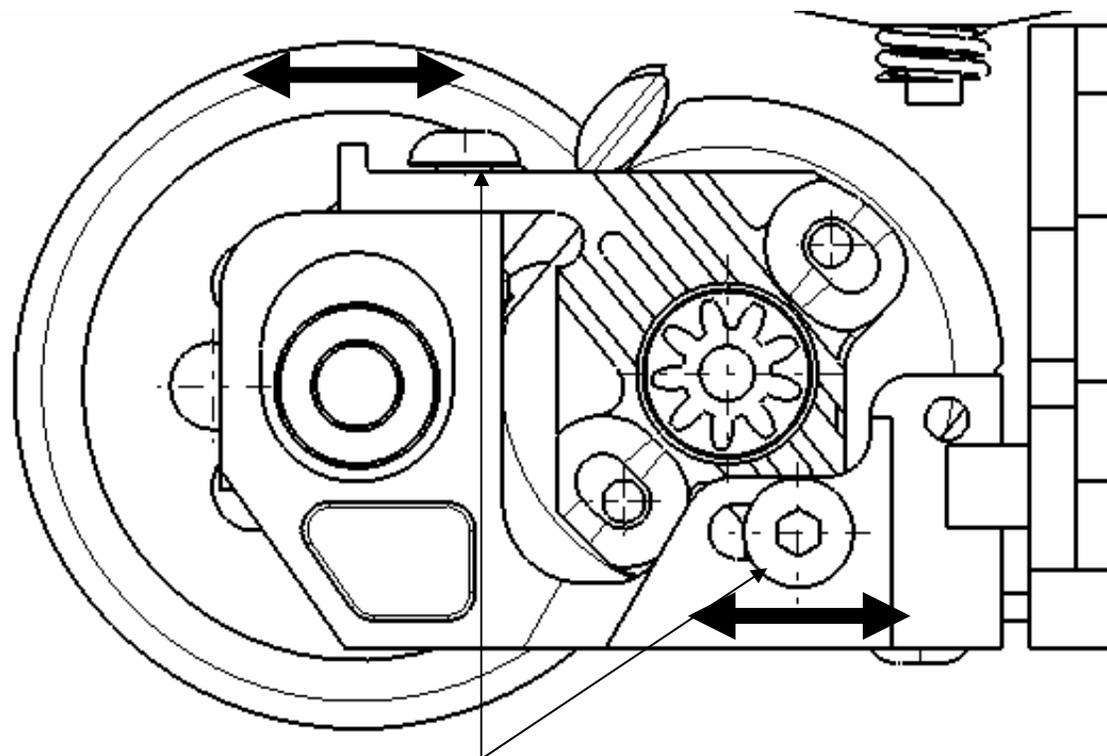
Rotate motor in slotted holes for optimal clearance to axel and H-Plate.



Section A-A

When using smaller gears, rotate motor counter clockwise to increase clearance to axel. Motor wire and/or motor capacitor may require repositioning with solder iron to clear axel.

When using larger gears, rotate motor clockwise for clearance to H-Plate.



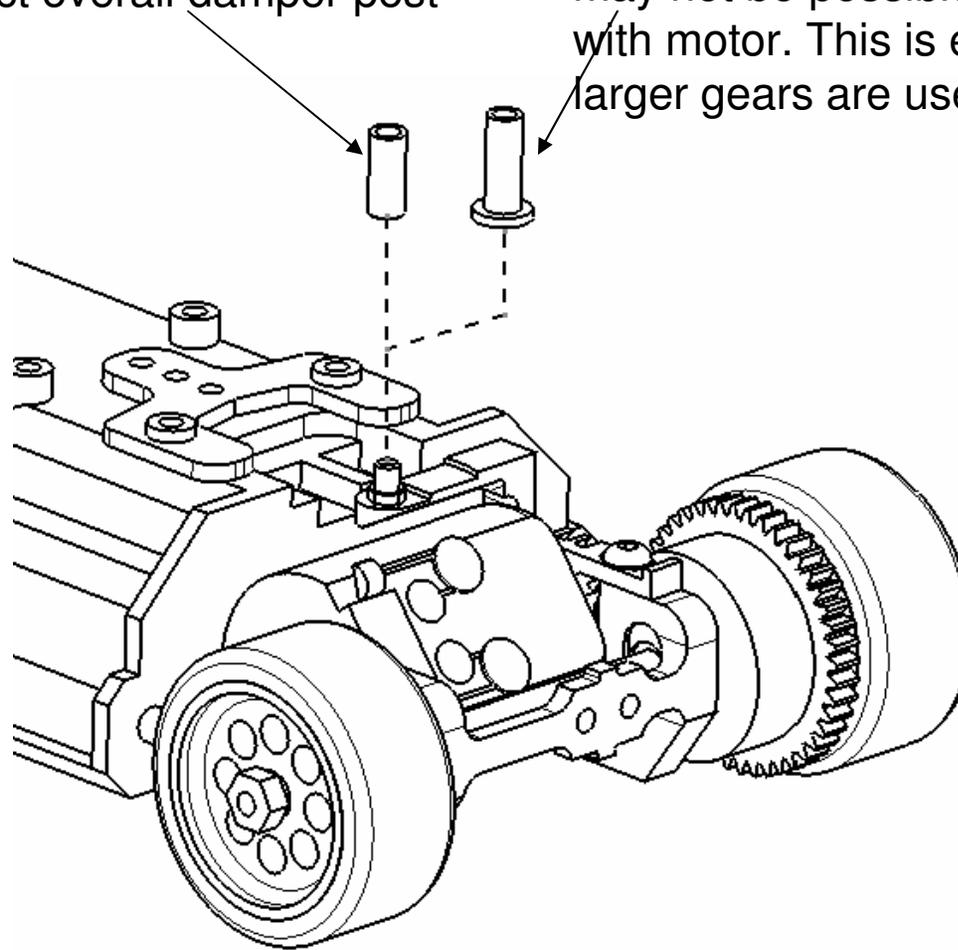
Loosen two pinion mesh adjustment screws. Slide motor plate to achieve proper pinion mesh.

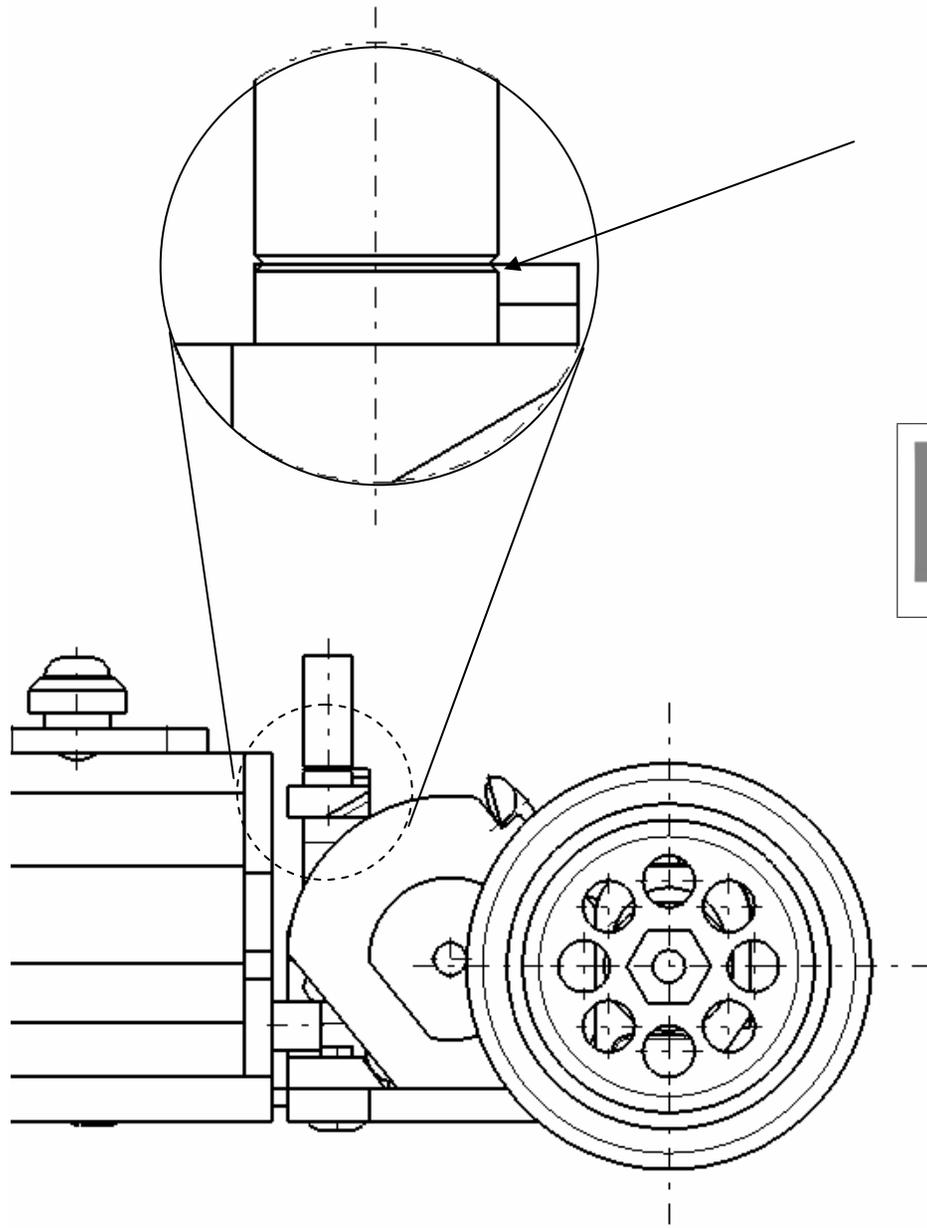
Use shortened damper post. Screw damper post onto threads on damper post arm. (included in motor mount)

Note: Part of the damper post is build into the damper post arm, so use of shortened post will not affect overall damper post length.

If a standard MR2064 damper post is used, location of the damper post will move up by 1.8mm relative to the damper plate.

Adequate damper post height adjustment may not be possible due to interference with motor. This is especially true when larger gears are used.





Chamfer on damper post in down position for smooth operation of damper spring.



Use a caliper to verify that axel is centered on motor mount. Use bearing shims to adjust centering of axel.

