Steering comparison

New steering linkage (v4) (current version)

SPIKE front wheel (blue, v4)

medium motor (steering)

front axle and connectors (reinforced)

more compact front structure (lower and lighter)

new steering linkage (v4) two parallel yellow liftarms



linkage closeup

Old steering linkage (v3) (last version)

medium motor (steering) - same in both

older front wheel setup

old steering linkage (v3) single central structure

taller and heavier central structure



v3 linkage closeup

V4 Advantages:

- SPIKE front wheels (better grip and response)
- New steering linkage (more stable)
- More compact and lower front structure
- Cleaner axle connection
- Lighter design
- Faster and smoother steering response

V3 → V4

Improved steering system

Lighter | More compact | More stable | Better response

V3 Limitations:

- Older front wheel setup (less grip)
- Old steering linkage (less stable)
- Taller and heavier front structure
- Bulkier design
- Slower steering response