

# Cascadia Composite Front Suspension Bushing

## Topic Background:

**New Cascadia launched a completely new front suspension in 2017**

- Traditional Steel outer and inner with rubber
- An updated bushing design changed over in 2021 with higher material grade and coatings
- A higher performance composite design changed over in 2024
  - Split outer composite shell allows pre-compression
  - Composite inner and outer shell enable low cost geometric features to attain target radial and axial rates
  - Steel inner tube and end caps withstand bolt clamp load and protect composite

## Topic Resolution Information:

**Tiger Tool service kit 15038 developed to make R&R of bushings simple, fast, efficient**

- 5 minutes per bushing once axle/springs are unbolted
- No need for alignment after R&R of bushings



**15038 | Pin & Bushing Adapter**



OLD 16-20508-000  
OLD 16-22182-000



**NEW 16-22210-000**