



**FALCON**<sup>TM</sup>  
STEERING SYSTEMS  
INC.

ENGINEERED TO A STANDARD, NOT A PRICE

**TECH TIP  
BULLETIN**  
Advanced Solutions

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# 71510

## Worn Sway Bar Bushings Likely Cause of Front End Knocking Noise

### Typical Problem

#### Knocking noise from front end:

Front end knocking noise is usually attributed to two types suspension of failure:

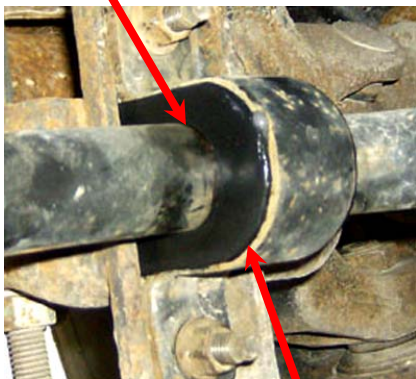
1. Sway bar movement inside the bushing under normal suspension travel will cause the bar to slowly wear through the rubber bushing material. Over time the bar will actually come in contact with the outer steel shell, causing metal-to-metal contact which creates the knocking noise.
2. The bond between the rubber bushing material and steel shell case can fail over time, causing the rubber bushing to slip out from the metal casing, causing metal-to-metal contact.

### The **FALCON** *Solution*

#### Falcon® Sway Bar Link Bushings

- Falcon Sway Bar Link polyurethane bushings are designed eliminate the usual rubber wear and bond failure common with OE designs.
- Made from premium polyurethane material for enhanced performance, durability and service life. Polyurethane is extremely resistant to extreme weather conditions and is unaffected by oils, dirt/debris, ozone and hydrocarbons.
- Reduces sway in turns for better steering response & performance.
- Eliminates metal-to-metal contact noise.
- Sway Bar Link Bushings are easy to install.

1. Sway Bar movement will elongate rubber bushing hole overtime due to excessive wear



2. Rubber/steel bond can fail overtime causing rubber bushing to slide out from metal casing

#### Falcon Sway Bar Link Bushing Advantages:

Polyurethane material won't crack, get hard & brittle or squeak with age

Improved split bushing design makes for easier installation



High compression strength for better energy absorption capabilities and longer life

For more specific application information, please check our website at: [www.falconsteering.com](http://www.falconsteering.com)