



## Tire Rub Kit - Installation Instructions

Part Number 2121000

### Cars applicable:

'65-'89 911/912/930/914

### Parts list:

Qty	Description
2	Lock Limiting Stop
4	Adjusting Shims

### Introduction –

Tire Rub Kit solves the problem of tires rubbing the inner wheel well at full lock. Though rubbing happens on some cars even with stock tires, the problem is very common with oversize tires/wheels.

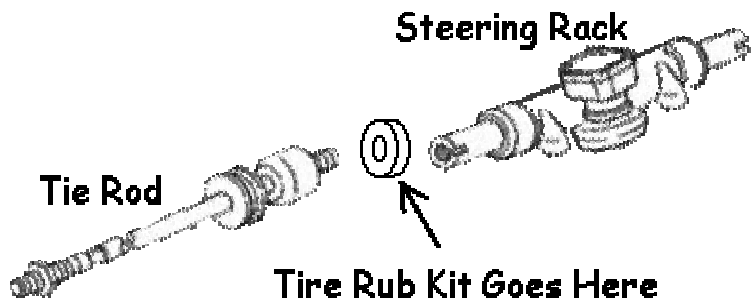
Tires that rub cause an unsafe condition that will fail a tech inspection with many track clubs.

This kit works by adjusting the full-lock position of the steering wheel, allowing you to prevent tires from rubbing.

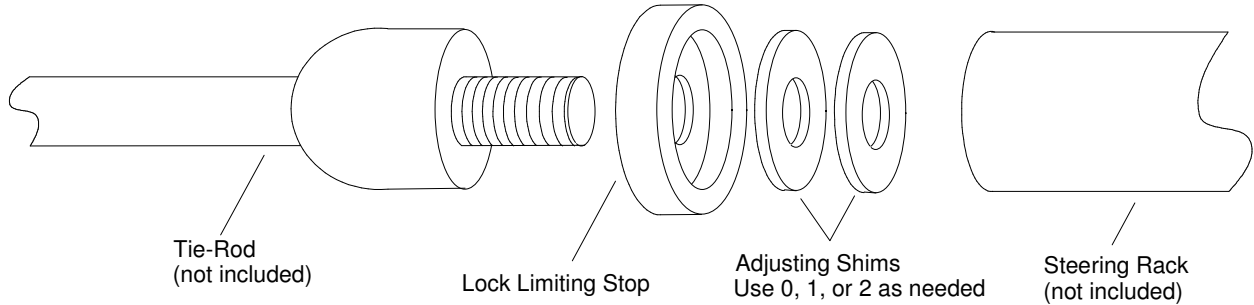
The kit is installed between the steering rack and the tie rods, both sides. Can be used on turbo and regular tie rods. Cars equipped with turbo tie rods must remove the large spacer normally positioned between tie rod and steering rack, the kit is installed in its place.



Tire Rub kit



Location diagram



### Step by Step Instructions

1 - Assemble as shown above, both tie rods. Adjustment of lock limit is achieved by altering the number of shims; fewer shims results in more tire clearance. The following table shows approximate change in tire clearance vs. number of shims:

Shims	Tire Clearance Change
0	+ 21mm
1	+ 15mm
2	+ 7mm

Do not increase tire clearance more than needed to prevent rubbing or minimum turning radius will be needlessly impacted.

When installing on turbo tie rods, the large factory spacer between steering rack and tie rod must be removed. Do not use the factory spacer and Lock Limiting Stop together.

2 - Toe settings must be adjusted to compensate for the thickness of Stop and Shims. To approximate final tire clearance and pre-install toe, adjust the tie rods per the following:

Shims	Turbo Tie Rods	Regular Tie Rods
0	Lengthen 3.25 rotations	Shorten 1 full rotations (both ends)
1	Lengthen 1 rotations	Shorten 2.125 full rotations (both ends)
2	Shorten 1.5 rotations	Shorten 3.25 rotations (both ends)

Recheck tire clearance after shims are installed and tie rods have been adjusted. Make changes as needed.

3 – Torque tie rods per manufacturer specifications.

4 – Align front suspension