

## **PART # RACK-E36**

### **TMS Rack Stops (16mm) E36**

Whether it is installing new wider wheels, tires, brake ducts, shocks, or springs, there could be a rubbing issue on the inside of your fender well. Our rack stops will help protect your investment. By selecting the proper size, you can save the costs of replacing rubbing tires, worn out brake ducts, cut shock reservoir hoses, and broken underside plastic panels. There is also the added benefit of knowing you can turn the steering wheel to full lock and not be worried that the wheels will rub.

Our rack stop length is the approximate length that will be removed from the outside tire wall's path. For example, if a 16mm rack stop is used, there will be 16mm more clearance for a brake duct between the fender well and the edge of the tire.

**Parts list for kit:** 2 Delrin rack stops, 1 black (driver's side), 1 white (passenger's side).  
2 Locking plates  
4 Zip ties

**Install time:** 45 minutes

#### **Directions:**

1. Properly lift and support the car to access the tie rod boots.



2. Remove/cut off the metal retaining bands. They will not be re-used.

3. Push the boot towards the wheel away from the steering rack to reveal the steering rack shaft.



4. Undo the nut on the end of the steering rack shaft until it is completely disconnected. Do not change the position of the toe adjusting nut.



5. Take the appropriately colored rack stop, and evenly push it on the shaft until it is flush with the end of the shaft. The use of a block of wood and a hammer to evenly tap it on may be required.



6. Put on the new locking plates (supplied in kit). Align locating tab with the groove in the rack. Reattach the tie rod end.
7. Torque the tie rod nut to 54 ft\*lbs (75 Nm).
8. Make sure to bend the tabs on the new locking plates over the hex on the tie rod end, to secure.
9. Push the tie rod boots back into position, and secure with the zip-ties provided.