

# INSTALLATION INSTRUCTIONS

Product: Tie Rod Sleeves

Part Number: JKS9700

Applications: 2021-25 Ford Bronco

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## Welcome

CONGRATULATIONS on purchasing this tie rod sleeve kit from JKS Manufacturing. We are committed to providing you with the best products available and your satisfaction is our first priority.

PLEASE READ these Installation Instructions carefully, and save them for future reference, as they contain important installation and maintenance information.

## Important

*Designed for use on stock inner tie rod ends. Will not work with larger aftermarket inner tie rod ends.*

*The tie rod end sleeve will cover the threads / adjuster section of the inner tie rod to strength a potential weak point of the tie rod. With this the adjustment of the inner tie rod becomes abnormal for a standard alignment shop. To adjust the inner tie rod, depending upon how much of the inner tie rod is showing, remove the clamp on the inner boot and push the boot up towards the steering rack. The inner tie rod can now be turned in order to adjust the toe.*

## Tools Required

- 21mm Metric Wrench
- 21mm Metric Socket
- 7/8" Standard Wrench
- Tie Rod End Separator
- Torque Wrench

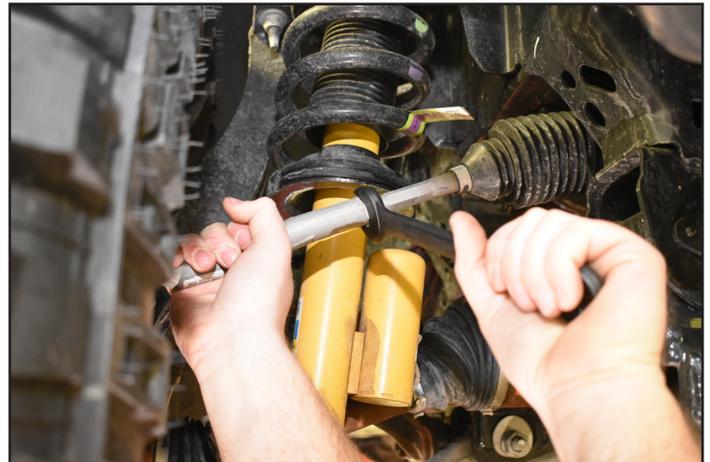
## Parts

	Description	QTY
<b>A</b>	Tie Rod Sleeve	2

## Installation Instructions

### 1. DISSASSEMBLY

- Park vehicle on clean, flat, and level surface with the front wheels straight. Block the rear wheels from moving.
- Raise the front of the vehicle and place jack stands under the frame rails. Lower the vehicle onto the jack stands.
- Remove the front wheels / tires from the vehicle.
- Using a 21mm wrench, break loose the tie rod jam nut, do not unthread it very far from the outer tie rod.



- Remove the outer tie rod from the steering knuckle by removing the nut using a 21mm socket. Using a tie rod end separator, dislodge the outer tie rod end from the steering knuckle.



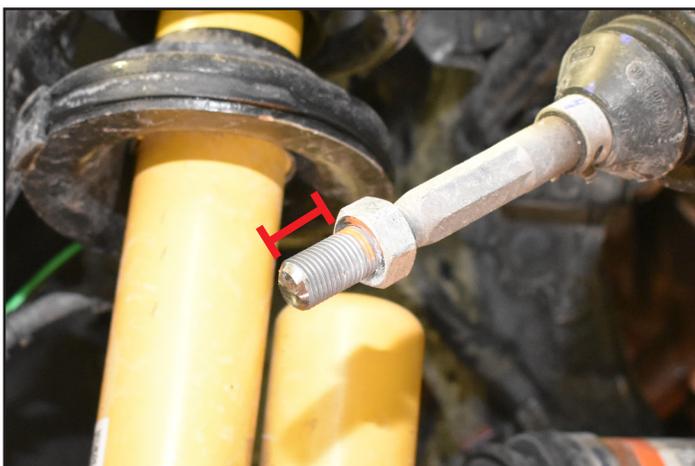
- Unthread the outer tie rod from the inner tie rod.



- Measure the distance from the end of the inner tie rod to the jam nut. Record the measurement of the inner tie rod length here:

DRV: \_\_\_\_\_

PASS: \_\_\_\_\_



- Unthread the OE jam nut from the inner tie rod.

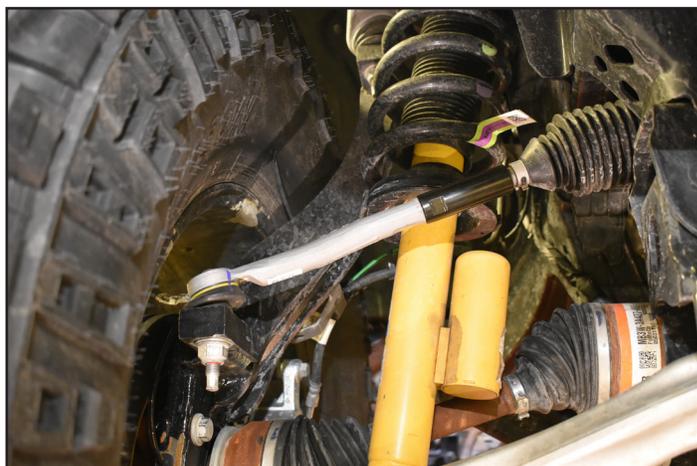
## □ 2. INSTALLATION

- Thread on the tie rod sleeve to the inner tie rod. Using the reference dimension recorded previ-

ously, thread the tie rod sleeve on to the same dimension.



- Thread on the outer tie rod up to the tie rod sleeve.
- Reinstall the outer tie rod into the steering knuckle, using an OE nut to attach it to the steering knuckle.



- Torque the outer tie rod nut to 46 ft-lbs.
- Using a 7/8" wrench, tighten the tie rod sleeve to the outer tie rod.

## □ 3. ALIGNMENT

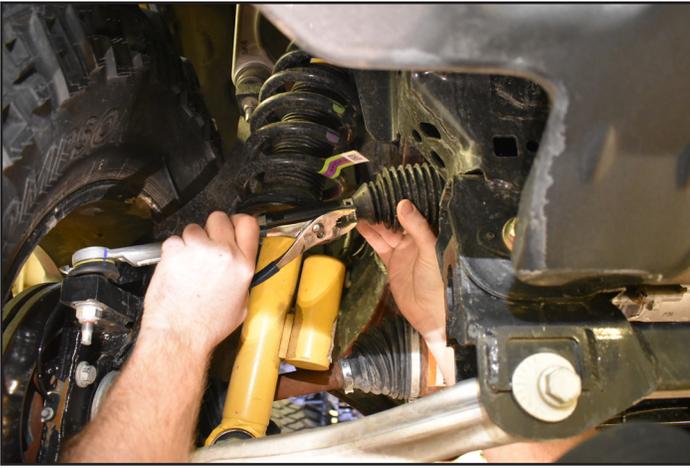
- Although the alignment should be very close, it is still recommended to have an alignment performed after installation of the tie rod end sleeve.
- The tie rod end sleeve will cover the threads / adjuster section of the inner tie rod to strength a potential weak point of the tie rod. With this the adjustment of the inner tie rod becomes abnormal for a standard alignment shop. To adjust the inner tie rod, depending upon how much of the inner tie rod is showing, remove the clamp on the inner boot and push the boot up towards the steering rack. Depending upon where the jam nut was positioned originally the boot may not be needed to be pushed up.

## Maintenance

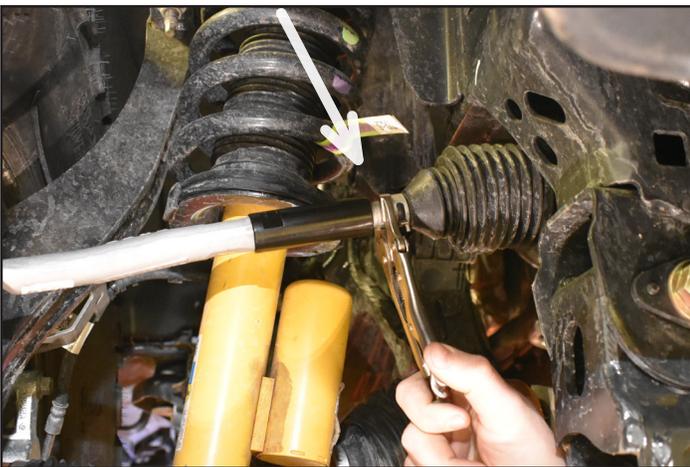
Recheck hardware after 500 miles. Verify the tie rod sleeve is still locked off tight to the outer tie rod.

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- Using pliers, the inner tie rod can now spin to adjust the toe for the front suspension during the alignment. Lock off the tie rod sleeve to the outer tie rod end using a 7/8" wrench.



- If the boot needed to be pushed up, it can now be moved back down into the groove on the inner tie rod end.