

## 211-02 Power Steering Removal and Installation

2019 Ranger  
Procedure revision date: 07/25/2018

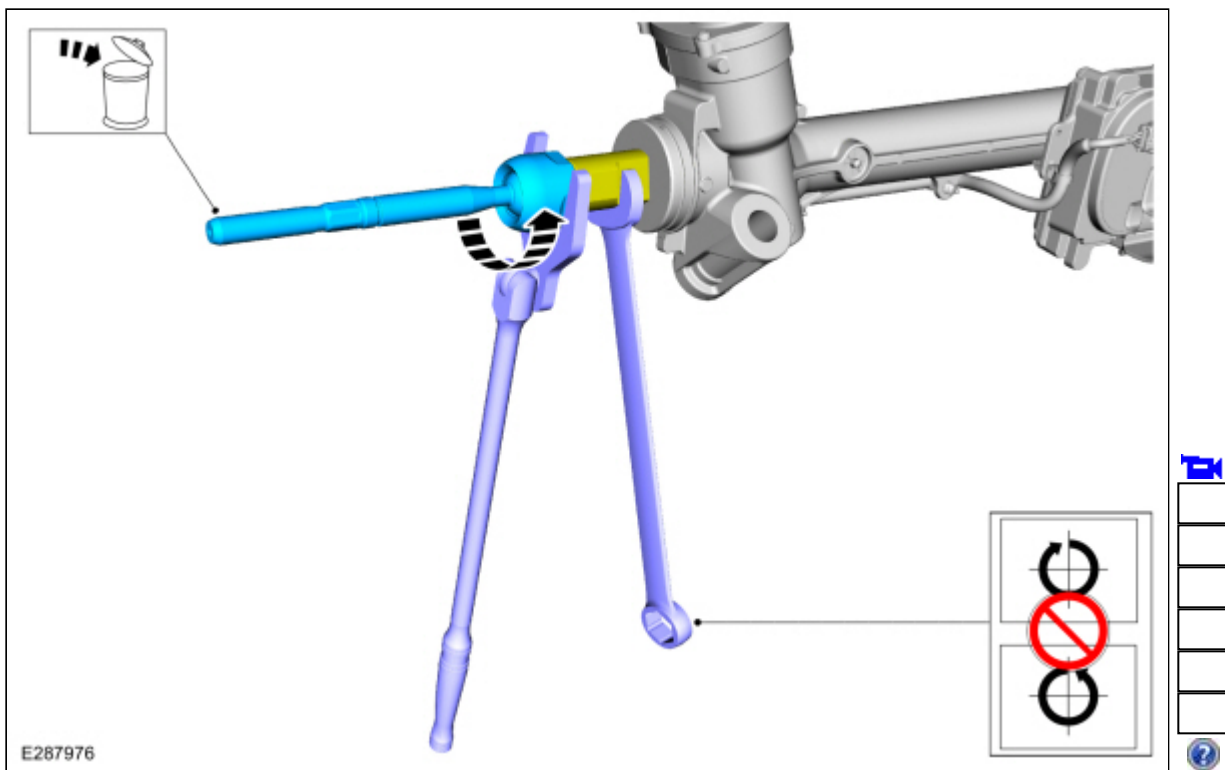
### Tie Rod

#### Removal

1. Remove the steering gear boot.  
Refer to: [Steering Gear Boot](#) (211-02 Power Steering, Removal and Installation).
2. **NOTICE:** Hold the steering gear rack while loosening the tie rod. Failure to hold the rack securely could result in steering gear damage.

**NOTE:** It may be necessary to turn the steering wheel to one side or the other in order to expose the steering gear rack enough to hold with a wrench.

While holding the exposed steering gear rack, remove and discard the tie rod.



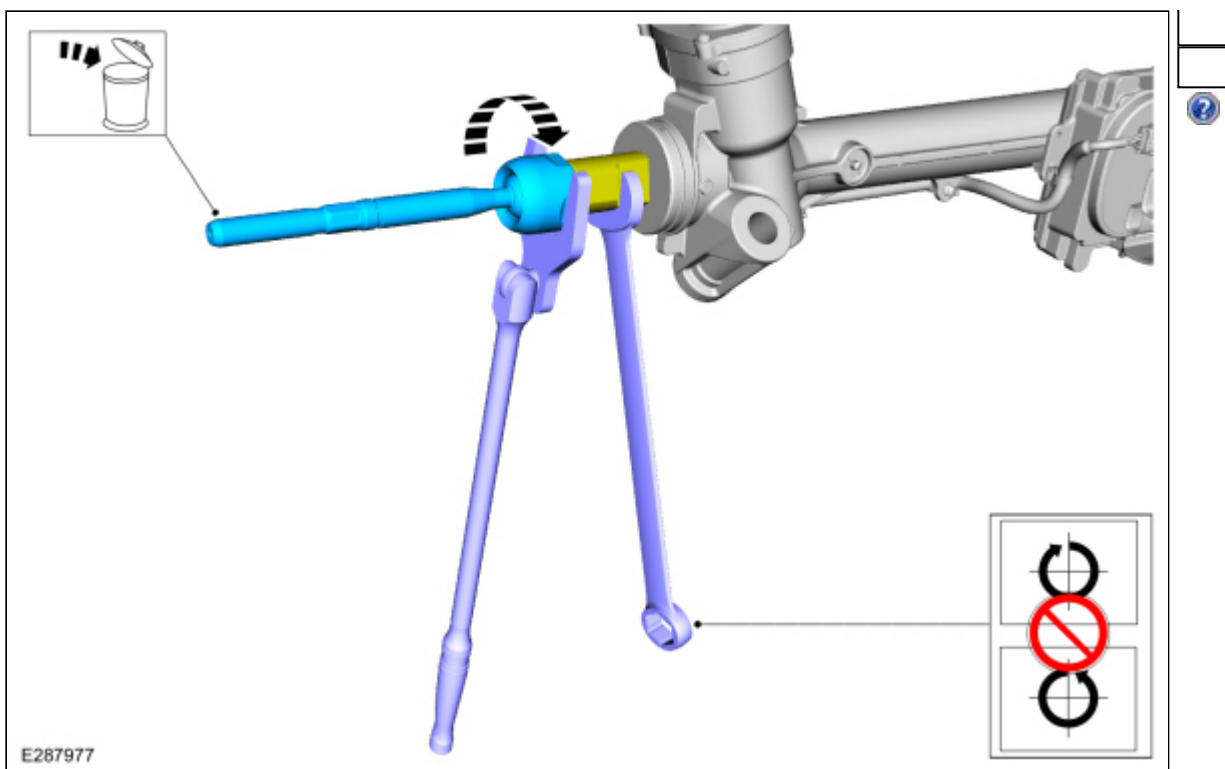
#### Installation

1. **NOTICE:** Hold the steering gear rack while tightening the tie rod. Failure to hold the rack securely could result in steering gear damage.

**NOTE:** It may be necessary to turn the steering wheel to one side or the other in order to expose the steering gear rack enough to hold with a wrench.

While holding the exposed steering gear rack, install the tie rod.

Torque: 89 lb.ft (120 Nm)



2. Install the steering gear boot.

Refer to: [Steering Gear Boot](#) (211-02 Power Steering, Removal and Installation).

Copyright © 2019 Ford Motor Company