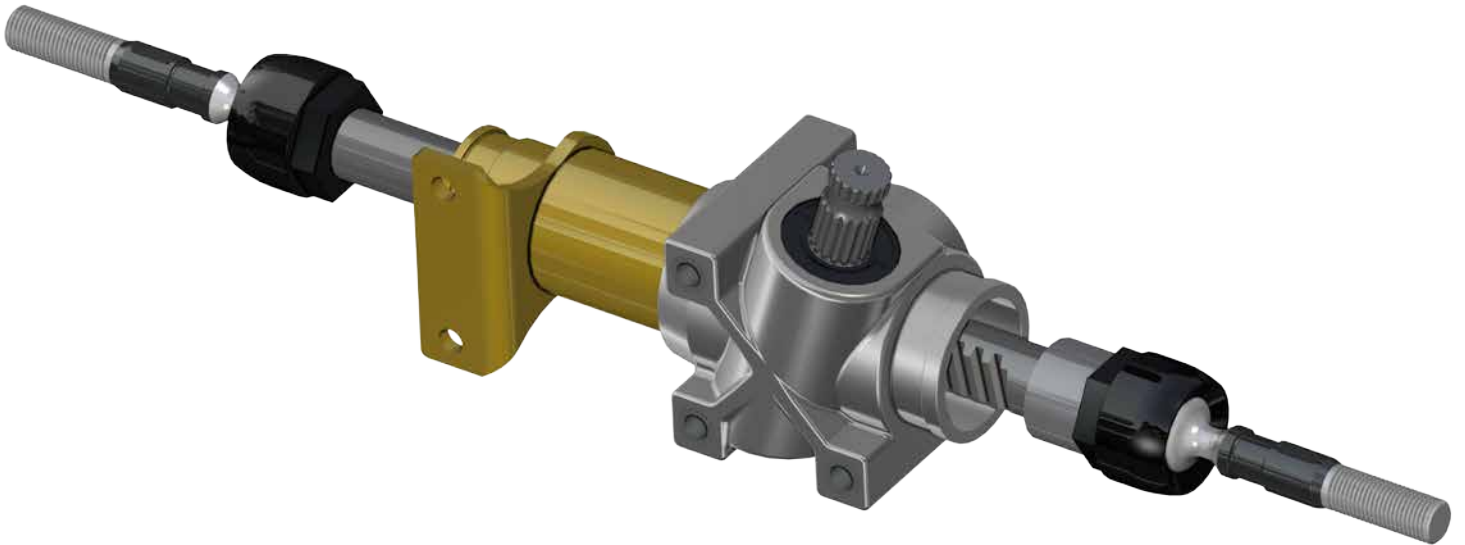**Verify, and adjust if necessary, centering of Rack and Pinion before installing.**
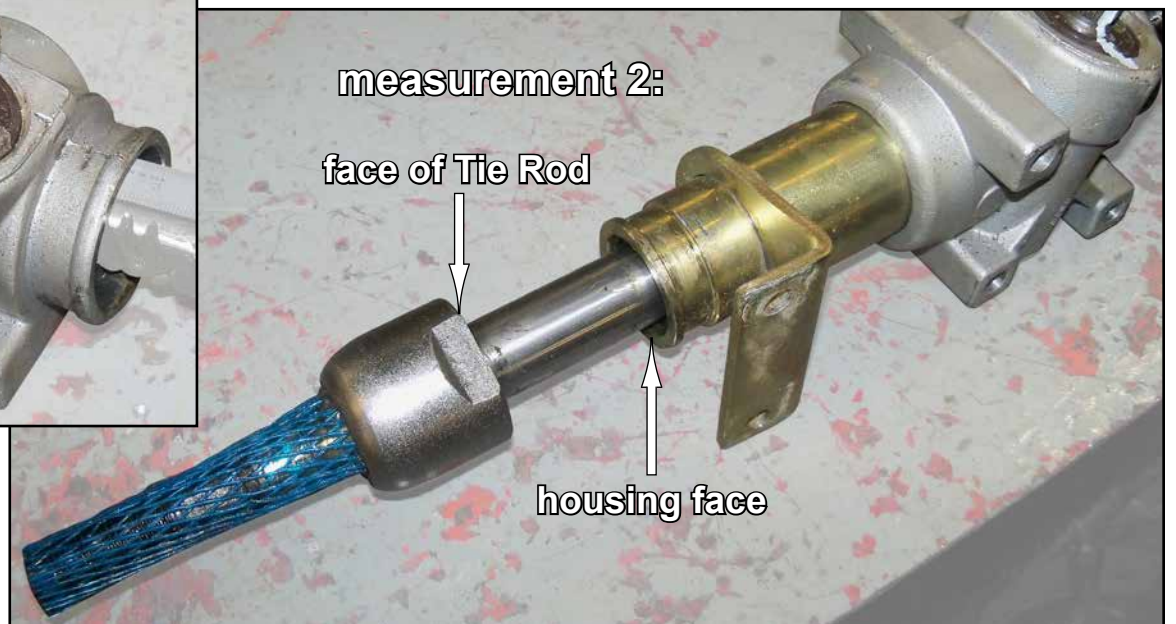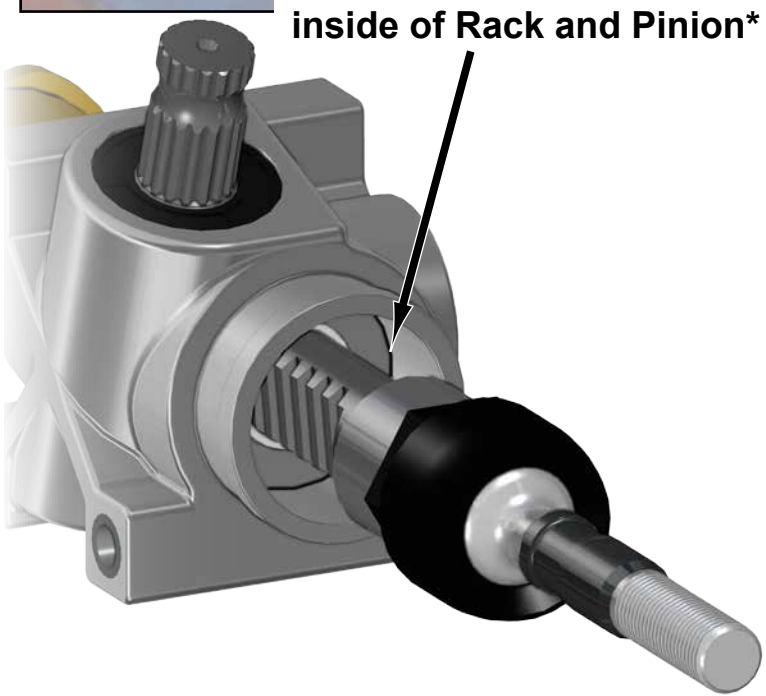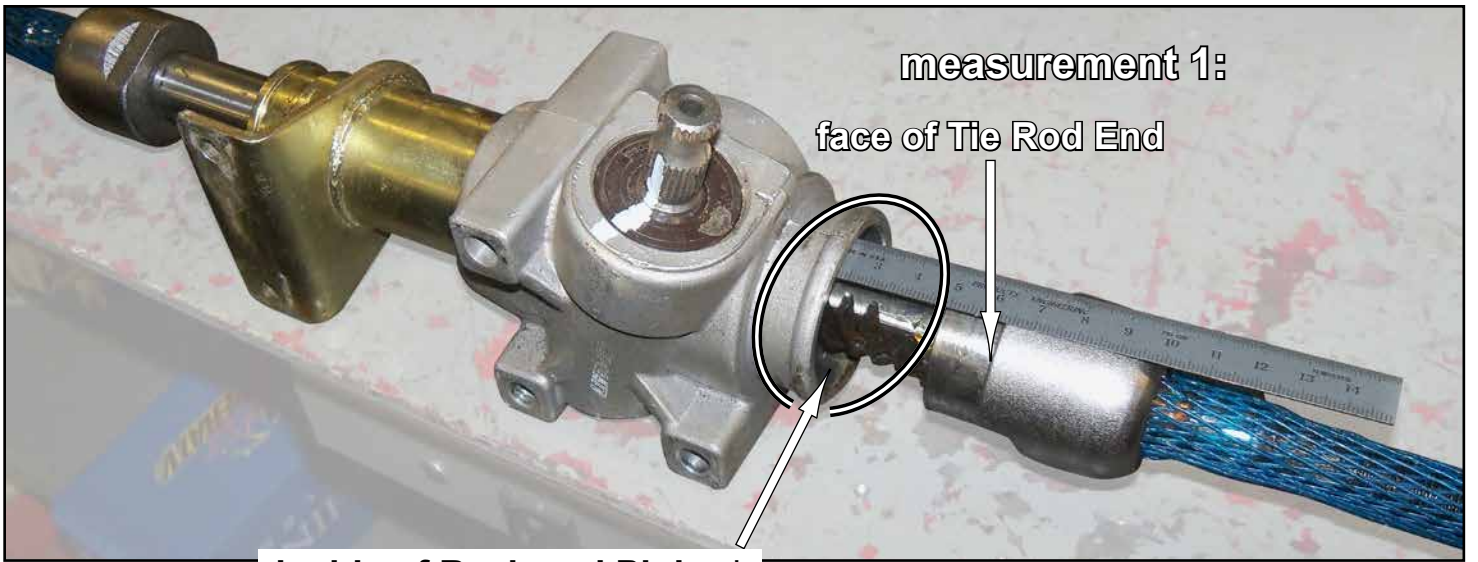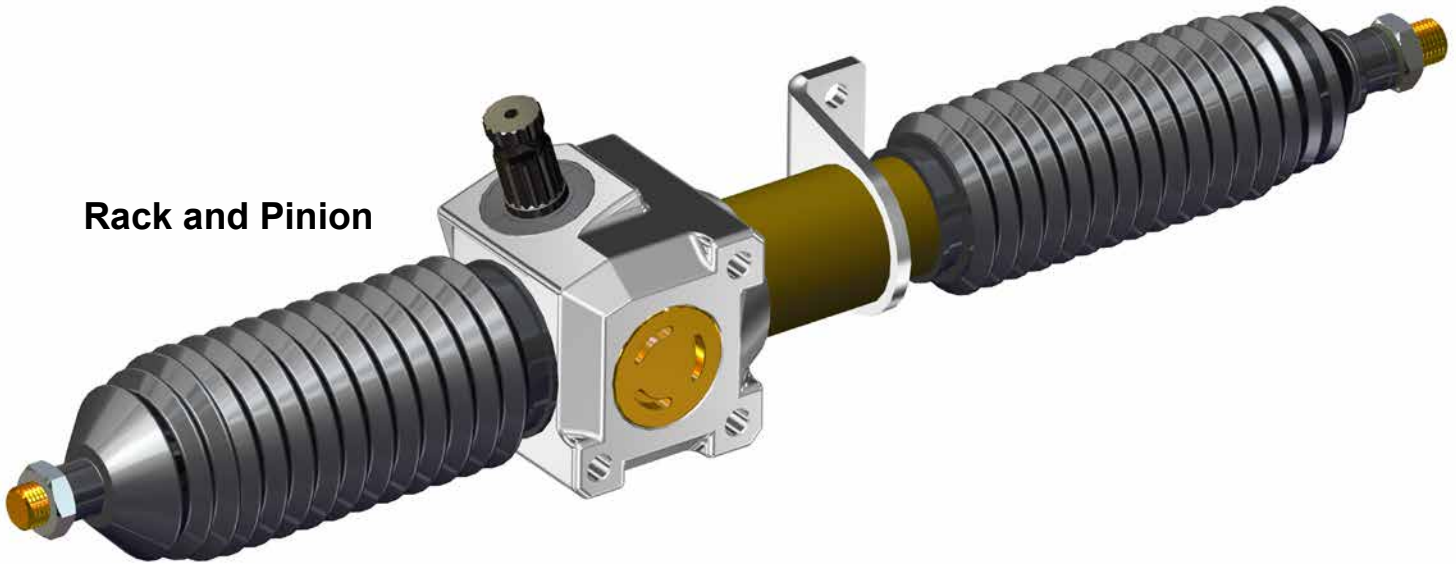

1. Measure distance from inside of Rack and Pinion to face of Tie Rod End.
2. Measure distance from face of Tie Rod End to housing face.
3. Adjust Rack and Pinion until measurements are equal.
- Mark center.

(illustrations on following page)
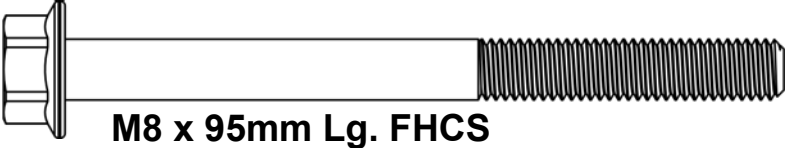
measurement 1:

face of Tie Rod End

inside of Rack and Pinion*

Some models will have only a slight recess. Take measurement from recessed area.

mark center

measurement 2:

face of Tie Rod

housing face

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Rack and Pinion

Qty (5)   **M8 Nylock Nut, Flange**

Qty (2)   **M8 x 20mm Lg. FHCS**

Qty (3)   **M8 x 95mm Lg. FHCS**

Read instructions and view illustrations before beginning.

Need help with your installation?

✉ sales@superatv.com   💻 www.superatv.com

☎ 1-812-574-7777

🕐 8:00am - 9:00pm EST M-Th
8:00am - 7:00pm EST Friday
9:00am - 2:00pm EST Saturday

Thank You

For Choosing

Rack and Pinion Removal: *Keep all hardware and components removed.*

1. Raise front of vehicle and secure with jack stands. Remove Wheels.

-   Remove Tie Rods from Spindles and Rack and Pinion.

2. Remove hardware from Lower U-Joint. See Fig. 1.

3. Remove hardware from stock Rack and Pinion. See Figs. 1 - 3.

4. Proceed to "Rack and Pinion Installation".

Fig. 1
(Driver Side)
Remove
Lower U-Joint

Fig. 1a
(Front)
(Driver Side)
Remove hardware
Rack and Pinion
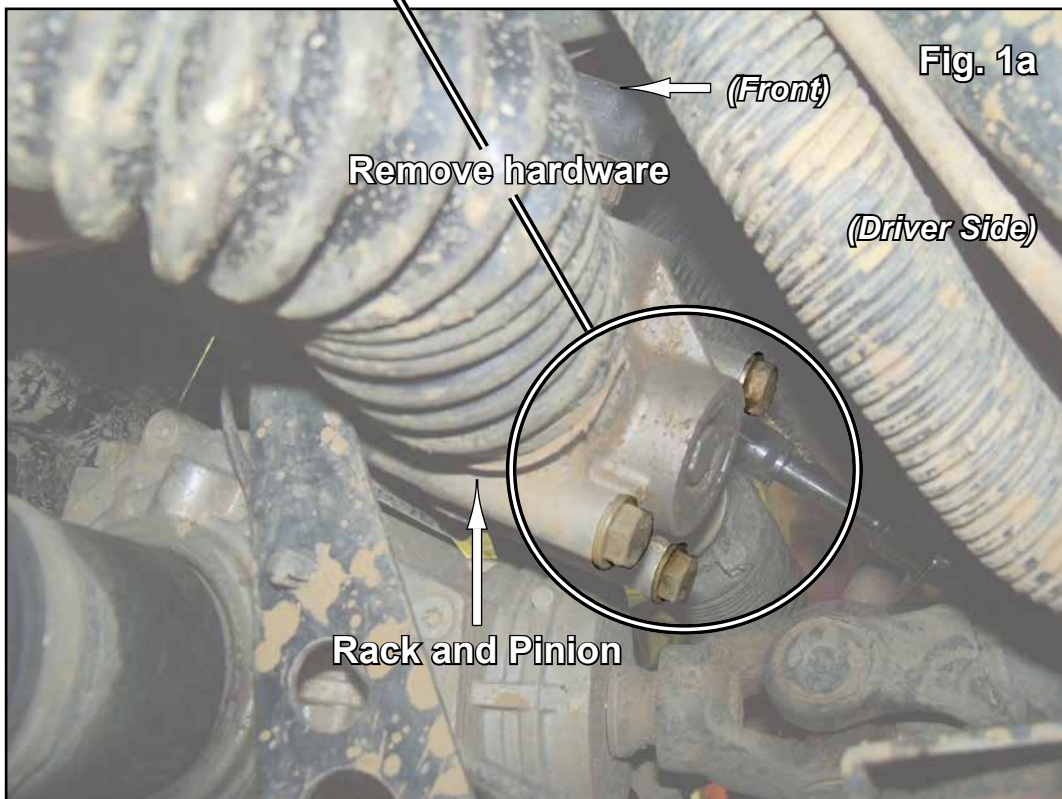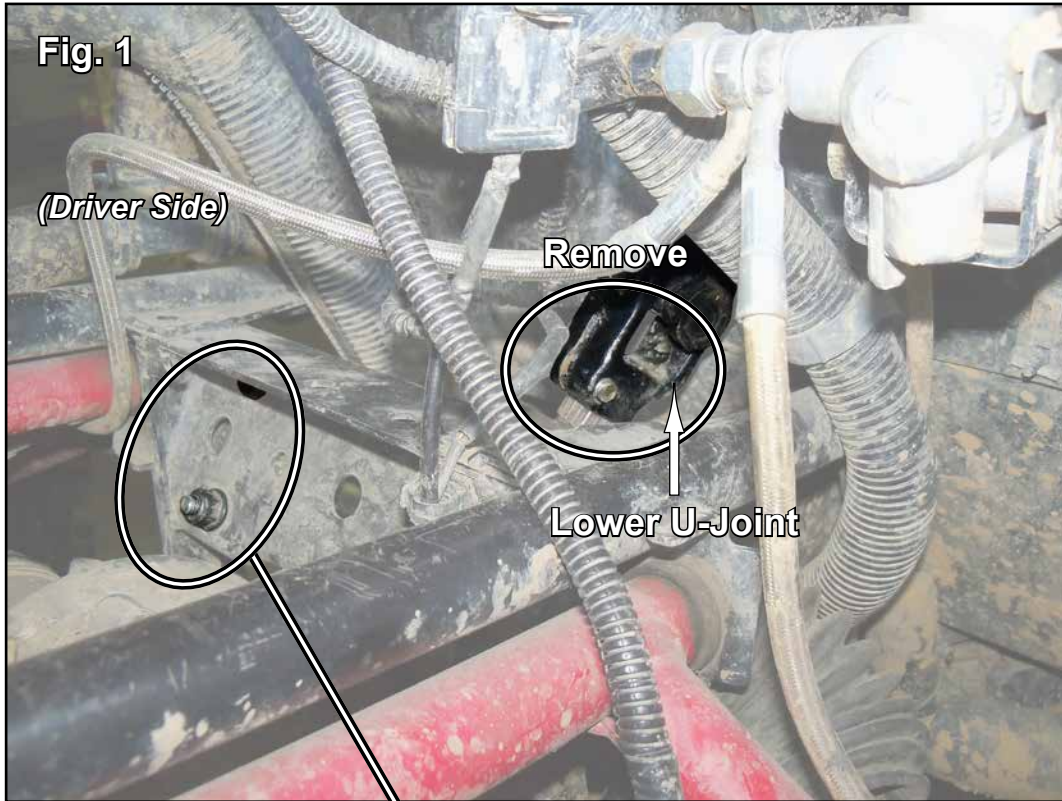
Rack and Pinion Installation: *Do not tighten hardware completely unless noted.*

1. Install optional Steering Stop Kit or continue to Step 2.

2. Install Rack and Pinion to machine with M8-1.25 x 20mm Lg. FHCS, M8-1.25 x 95mm Lg. FHCS, and M8-1.25 Nylock Nuts. Tighten hardware completely. See Fig. 2.

3. Reinstall Steering Shaft to Rack and Pinion with stock hardware. See Fig. 3.

4. Proceed to "Tie Rod Installation".

5. Reinstall necessary components.

- Before initial ride, set toe-in of vehicle.

- After initial ride check to see that hardware remained tight.

Using Steering Stop Kit will prevent over extension of Axles, when in reverse under hard throttle, by limiting steering range.

OPTIONAL STEERING STOP KIT

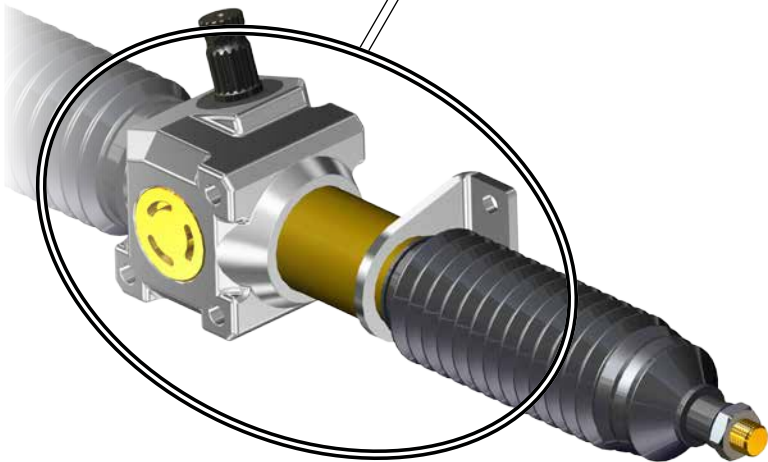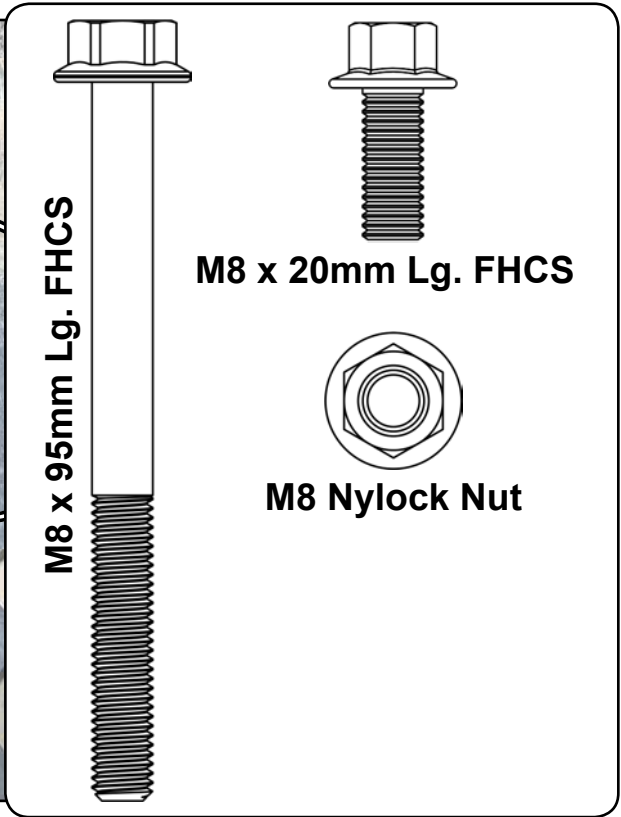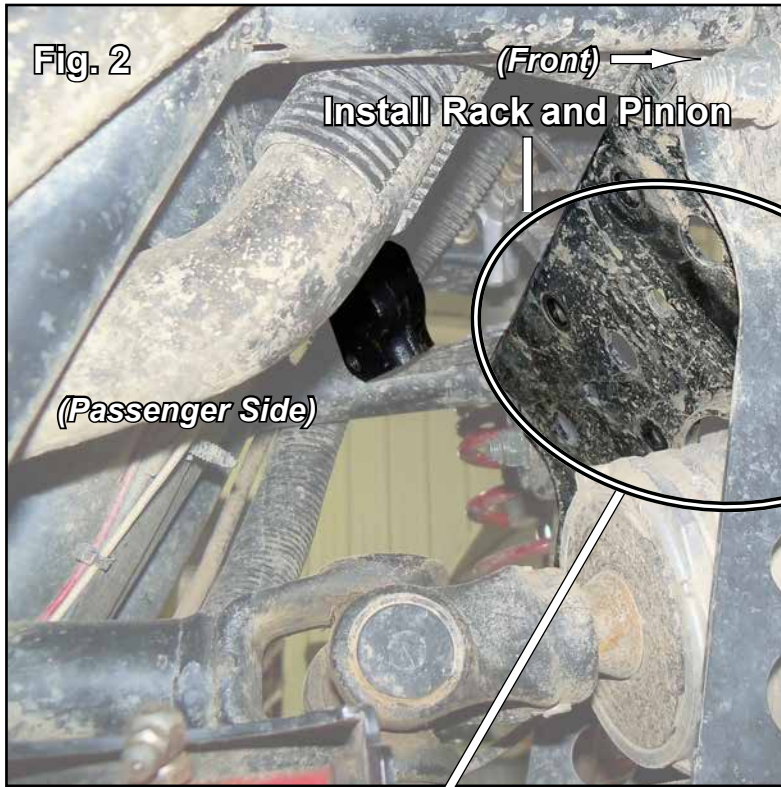- *Driver Side installation shown.*

1. Remove Wire Ties and Boots from Rack and Pinion. See Fig. 1.

2. Install Steering Stop Bushings (A) onto Shafts. See Figs. 1a - 1b.

3. Reinstall Boots and secure with Wire Ties.

Steering Stops (A)

Rack and Pinion — Fig. 1a

Rack and Pinion

Remove

Fig. 1

Boot

A — Fig. 1b

Reinstall Boots and Wire Ties
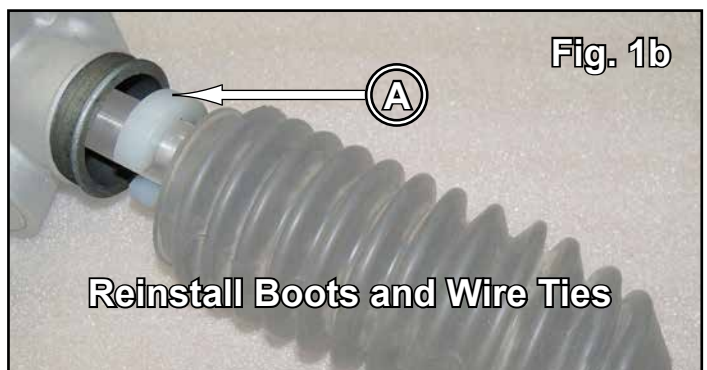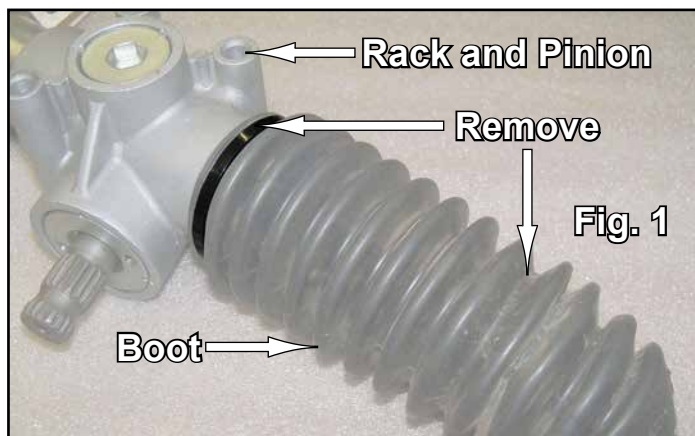
(installation illustrations continue on following pages)

(Rack and Pinion installation illustrations)

Fig. 2

(Front) →

Install Rack and Pinion

(Passenger Side)

M8 x 95mm Lg. FHCS

M8 x 20mm Lg. FHCS

M8 Nylock Nut

Reconnect U-Joint with stock hardware

Fig. 3

Tie Rod Installation:

- Install Tie Rod Shafts to Ball and Sockets.
- Install Tie Rod Ends and Jam Nuts to Tie Rod Shafts.
- Secure Tie Rod Ends to Spindles with applicable hardware.

Ball and Socket

Jam Nut

Tie Rod Shaft
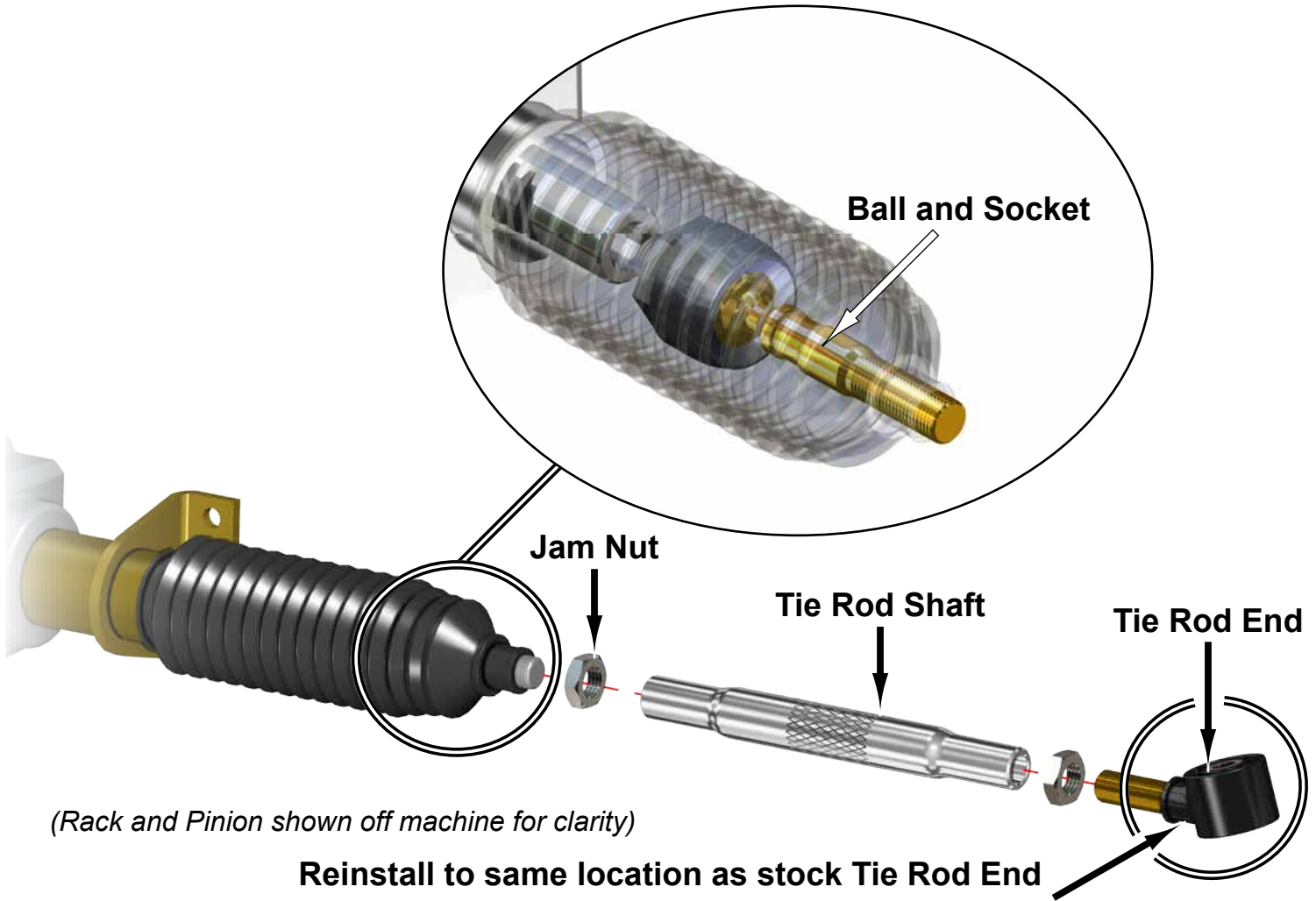
Tie Rod End

(Rack and Pinion shown off machine for clarity)

**Reinstall to same location as stock Tie Rod End
and secure to with provided hardware.**

Qty (2) each

M10-1.50 x 65mm Lg.

M10-1.50 Nylock Nut

Cotter Pin

M10 Flat Washer