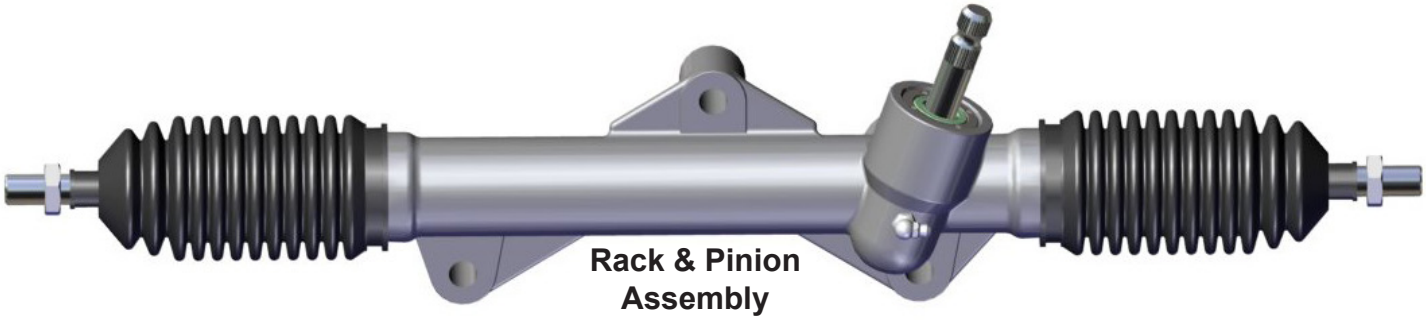
2753 Michigan Road · Madison, Indiana 47250
855-743-3427

INSTALLATION INSTRUCTIONS

Rack & Pinion Kit: _RP-K-MULEFXT



Rack & Pinion Assembly



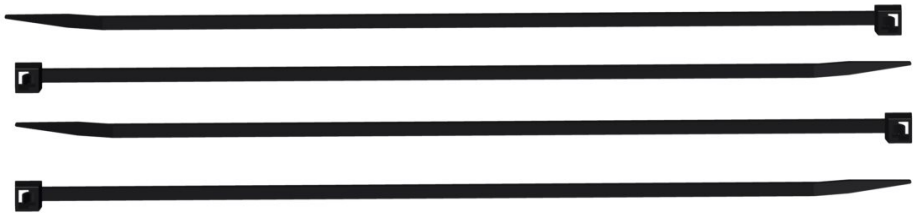
Tie Rod Ends (2)



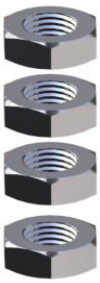
Tapered Tie Rod Stud (2)



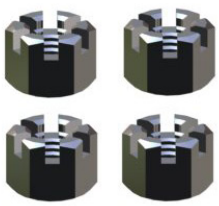
Heavy Duty Swaged Tube Tie Rod Shaft (2)



Adhe- Zip Ties (4)



M14 Jam Nut (4)



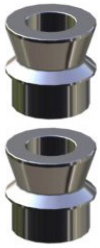
M12 Castle Nut (4)



Cotter Pins (4)



M14 Flat Washer (2)



3/4” Misalignment Bushing (2)

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1.The first thing you need to do after removing the wheel is to remove the factory Tie Rod. Do this by removing the Band Clamp from the Boot, removing the nut and breaking loose the Stud Rod from the outer end as shown in **Fig.1a**.

Then removing the rod from the rack as shown in **Fig.1b-c**.

After removing the Tie Rod, repeat the same procedures to remove the Tie rod from the opposite side as well.



Fig.1a

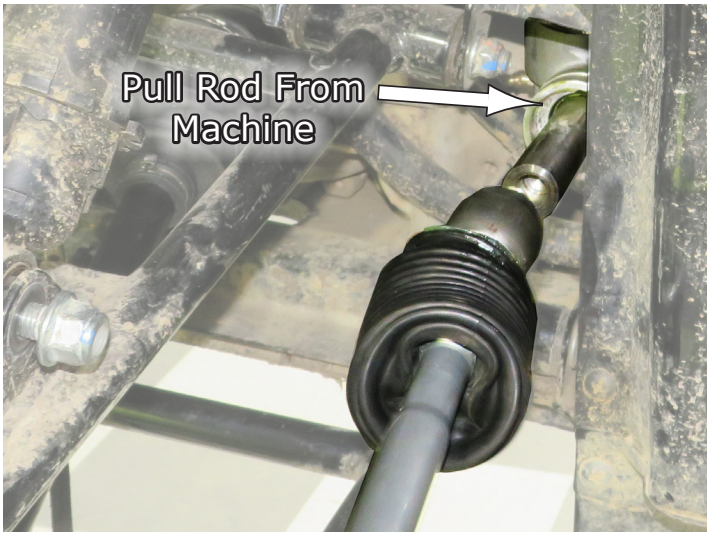

Fig.1b



Fig.1c

2.After removing the rods from both left and right sides, you will need to disconnect rack from the steering. The next Figure shows looking over the axle boot up under on the Driver's side looking back towards the firewall. Next you will remove the bolt that attaches the steering rod to the rack assembly at the rack location. See **Fig.2** for this bolt.

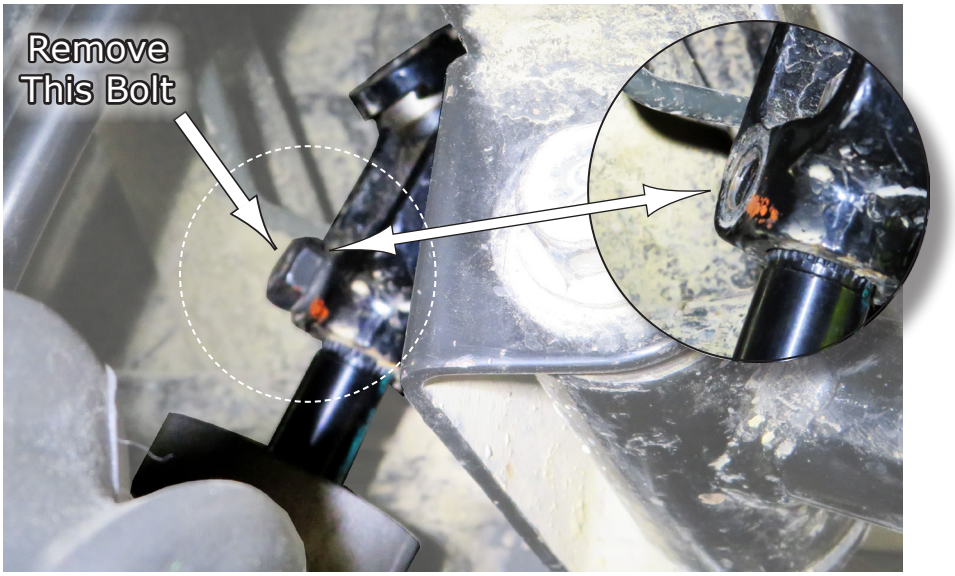

Fig.2

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3.Now you need to loosen the bolt on the opposite end of the steering rod, the upper end by the dash area as shown in **Fig.3a**. You do not need to remove this one, just loosen it good so you can pull the rod up removing it off the spline at the bottom end off the rack as shown in **Fig.3b**.

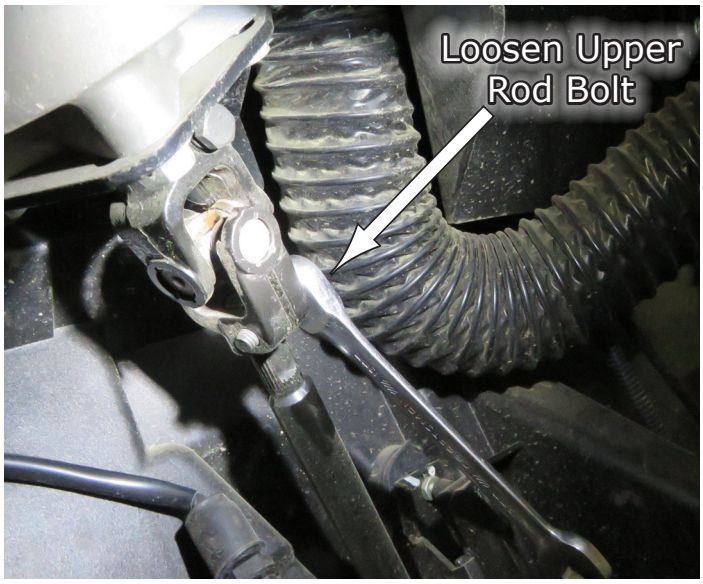


Fig.3a



Fig.3b

4.Next you need to remove the front center skid plate panel from underneath to gain access to the bolts holding the factory rack. **Fig.4** shows this section removed.



Fig.4

5.After the Skid Panel is removed, now you need to remove (3) bolts that are holding the factory Rack & Pinion in place. **Fig.5a** shows the (3) bolt configuration so you know what to look for and identifying the far left bolt as it relates to the picture. **Fig.5b** shows the other two bolts. You will need a wrench to hold the nut while removing the bolts for these.

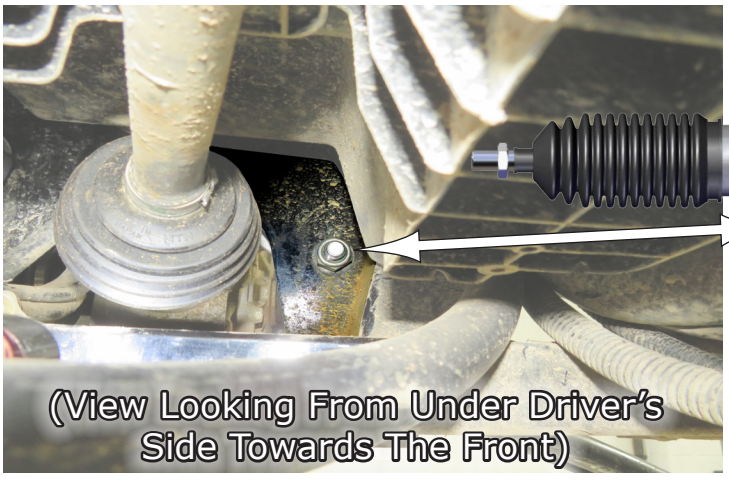
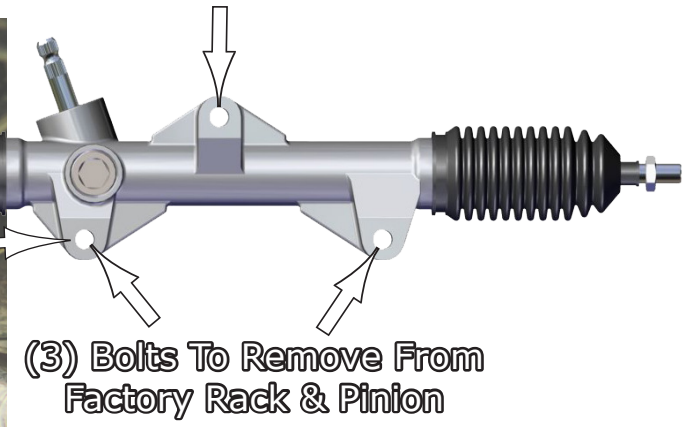


Fig.5a



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6. **Fig.5b** shows the other (2) bolts, the Upper and the Lower Right bolts that you need to remove, also shown from underneath.

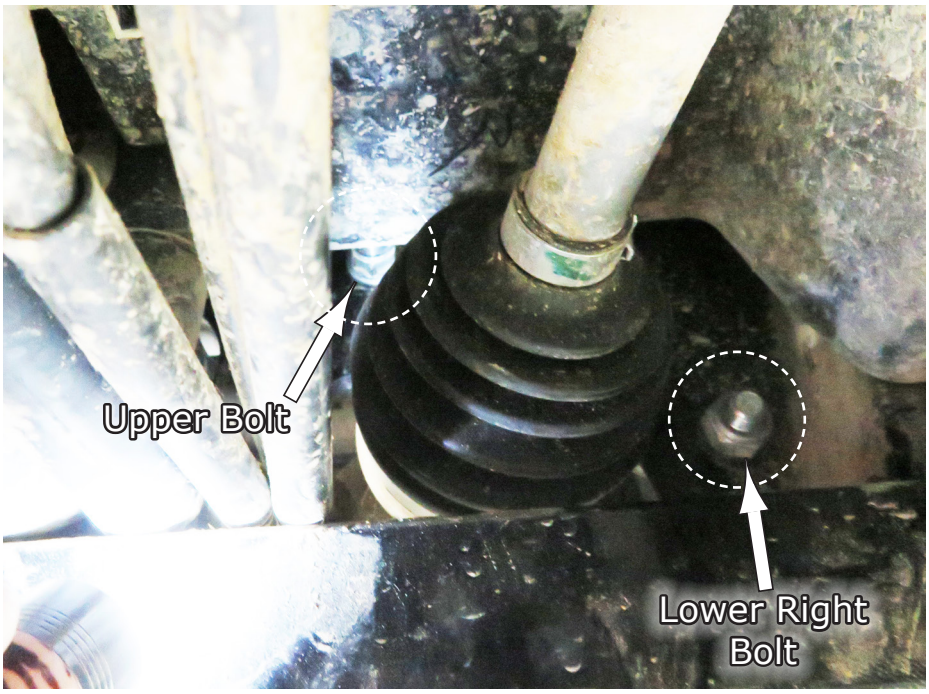

Fig.5b

7. Next shows the upper bolt being removed and also after the unit has been removed ready to replace it with your new Rack & Pinion unit. See **Fig.6a-b**.

To install the new one, you simply reverse these instructions in the opposite order as you removed the factory unit.

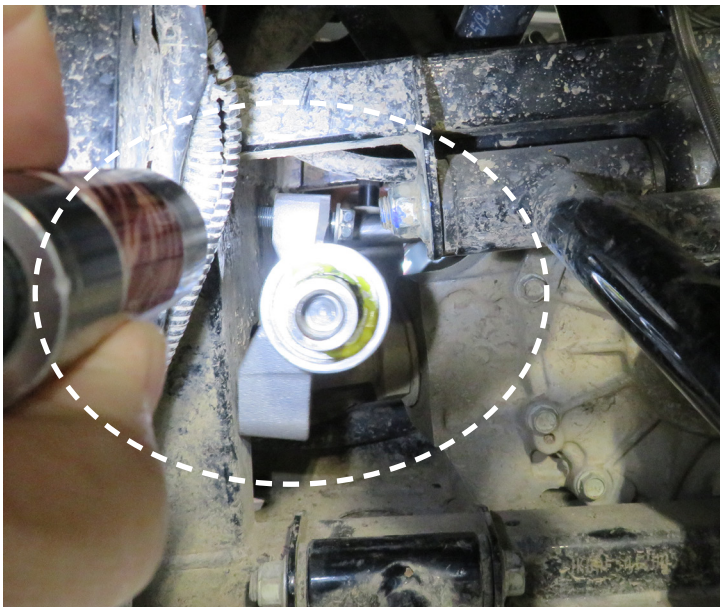

Fig.6a

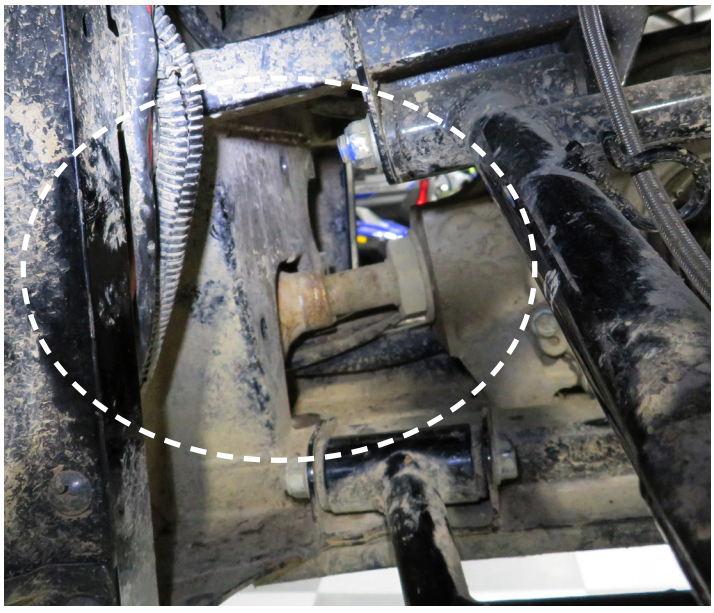

Fig.6b

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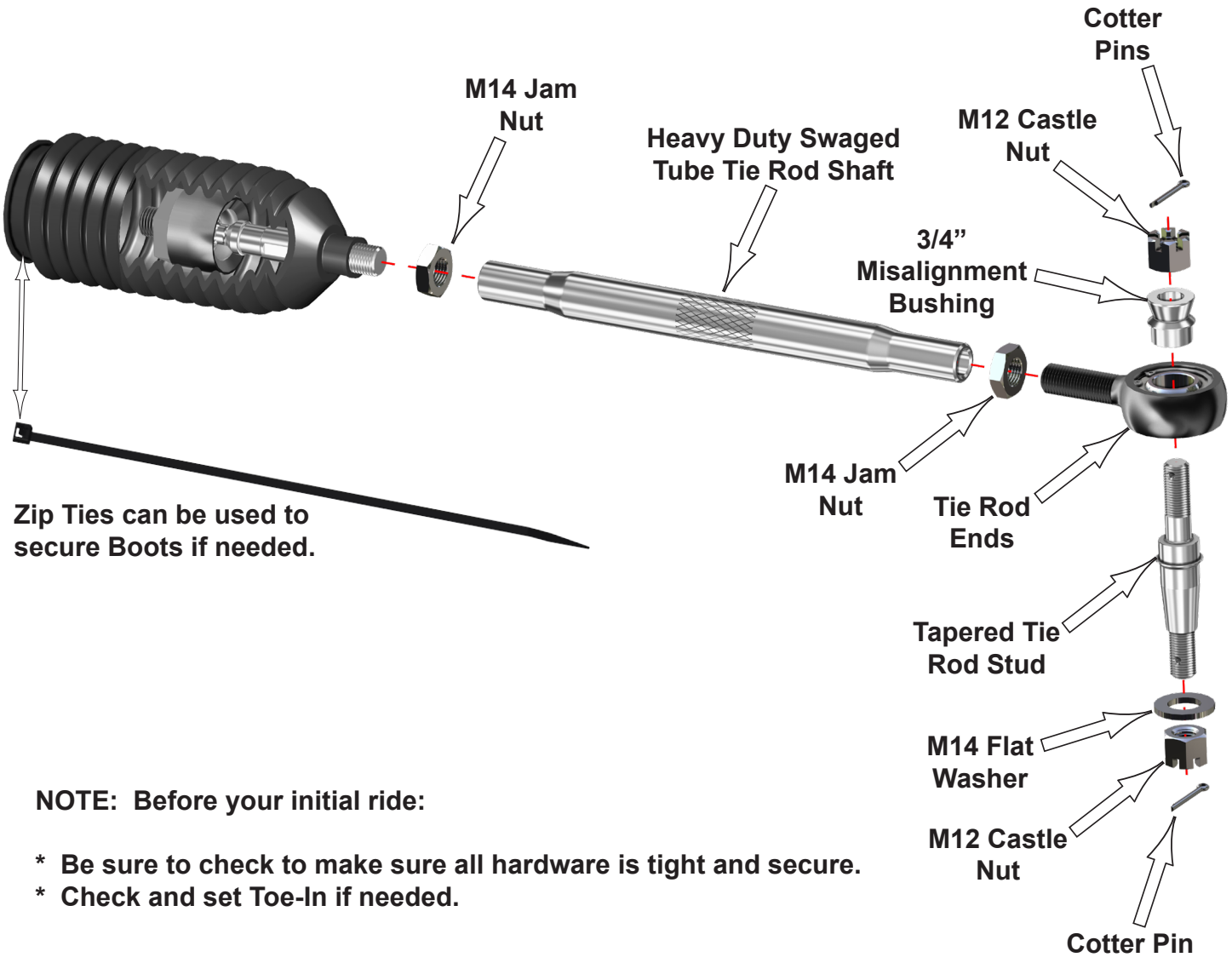
NOTE: When installing the rest of your kit, Tie Rods, Bushings, Castle Nuts etc., the below illustration shows how the parts all go together and in which order for your reference.



NOTE: Before your initial ride:

* **Be sure to check to make sure all hardware is tight and secure.**
* **Check and set Toe-In if needed.**

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