



SANDCRAFT MOTORSPORTS STEERING RACK STABILIZER MAVERICK R INSTALLATION INSTRUCTIONS

TOOL LIST

- TORQUE WRENCH
- LUG WRENCH
- FLOOR JACK
- JACK STANDS
- PLIERS
- FLAT HEAD SCREWDRIVER
- 13, 18, 19 MM SOCKET
- 8MM ALLEN
- 13, 18, 24, 36 MM WRENCH





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Safely raise and support the front end.



Remove both front wheels.



Loosen both inner and outer tie rod jam nuts. Mark the jam nut for correct alignment during re installation.



Remove both outer tie rod ends from the knuckles (18mm).



Cut the zip tie at the steering column boot and remove inner footwell plastic rivets to push the boot out of the way.



Remove sector shaft to the steering pinion pinch bolt (13mm). Mark the spline's alignment for reassembly.

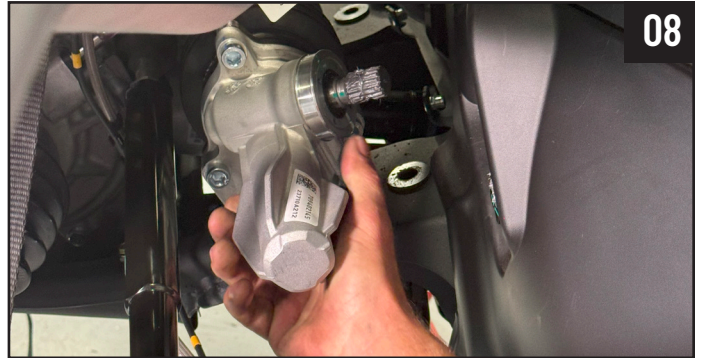


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Remove 4X 18mm mounting bolts mounting the steering rack to the frame.



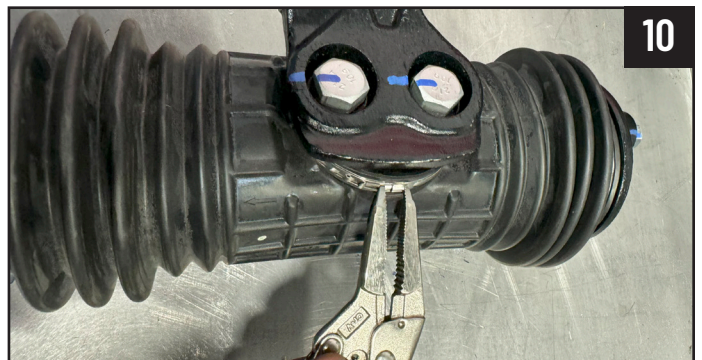
08

Remove the steering rack assembly from the vehicle.



09

With the rack out of the vehicle, remove the inner tie rod ends from the factory bulkhead (36mm).



10

Remove the bulkhead dust boot pinch clamp.



11

Remove 2X 19mm bolts mounting the bulkhead to the factory rack, remove the factory bulkhead.

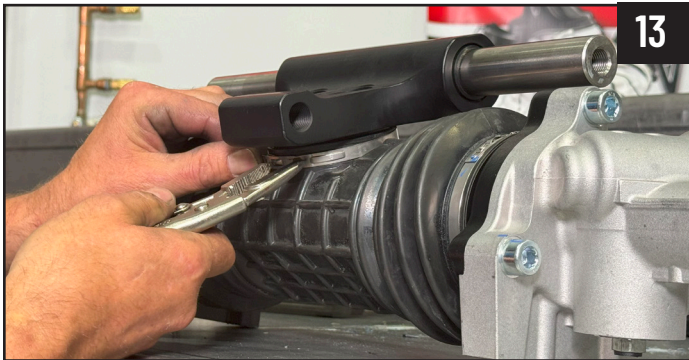


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Loosely Install the SANDCRAFT SRS body into the factory bulkhead location using the factory 19mm bolts. Use red threadlocker.



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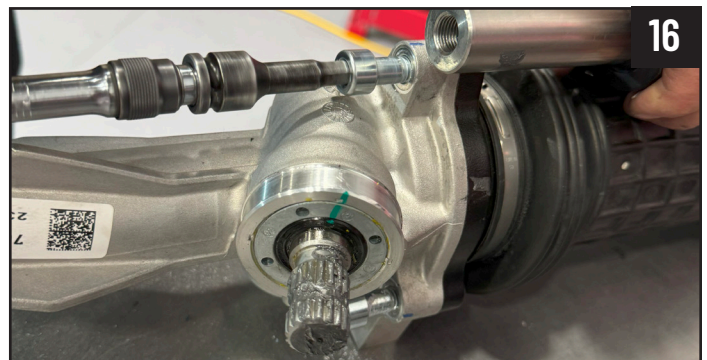
Re install the bulkhead dust boot pinch clamp.



Remove passenger side endcap 3X 13mm bolts only, do not remove the endcap.



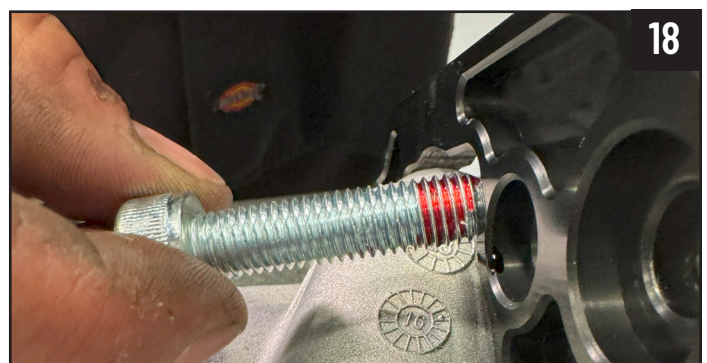
Loosely Install the SANDCRAFT Passenger Side Bracket with the included 8mm x 50 allen hardware, writing facing out. Use red threadlocker.



Remove driver side endcap hardware 3X 13mm allen bolts only. Do not remove the endcap.



Loosely install the SANDCRAFT driver side bracket over the endcap with writing facing out.



Loosely install the included 8mm x 40 bolts using red threadlocker.



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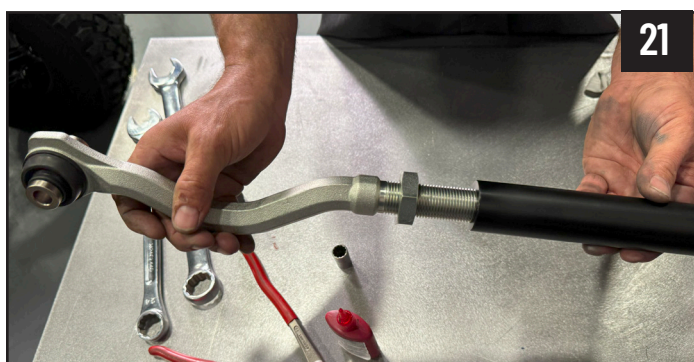
Loosely install 2X included cross bar 12 point $\frac{1}{2}$ " bolts through the brackets into the crossbar using red threadlocker.

Now that the stabilizer is loosely installed, you can torque all the hardware.

20

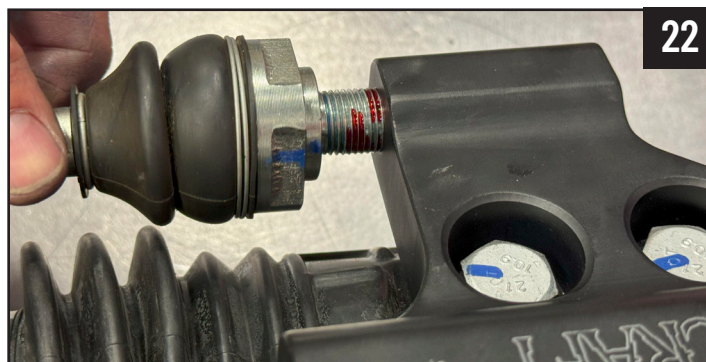
1. Torque the bulkhead bolts to 120 ft lbs.
2. Torque the pass. side bracket bolts to 44 ft lbs.
3. Torque the driver side bracket bolts to 44 ft lbs.
4. Torque the 12 pt crossbar bolts to 22 ft lbs

Install the bulkhead bolt retainer brackets and hardware over the bulkhead bolts. Torque to 12 ft lbs.



21

Transfer inner and outer tie rod ends from the old tie rods to the new SANDCRAFT tie rods. Leave the jam nuts loose at the time.



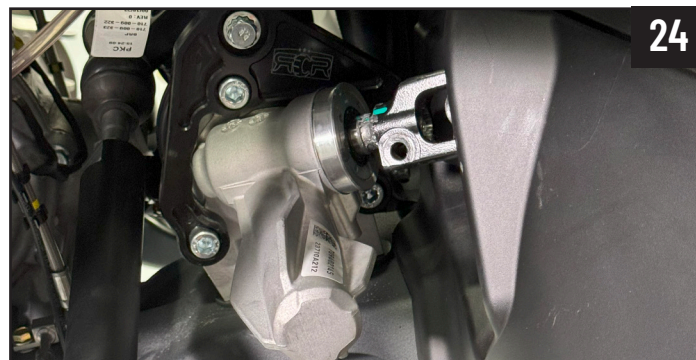
22

Using red threadlocker install inner tie rod ends into bulkhead. Torque to 140 ft lbs.



23

Re install steering assembly back into the vehicle.



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Realign sector shaft splines.



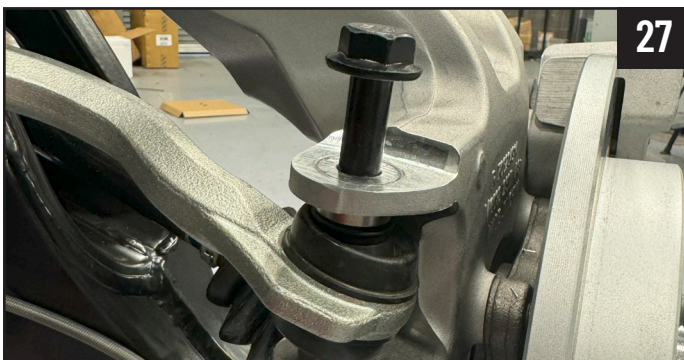
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Install the 4X steering rack bolts through the frame. Use red threadlocker, torque to 77 ft lbs.



Tighten the sector shaft pinch bolt torque to 22 ft lbs. Re install the dust boot and rivets.



Re install the tie rod outers torque to 77 ft lbs. Double check alignment, then tighten the jam nuts to 40 ft lbs.



Re install the wheels, safely lower the vehicle.

1. ROLL THE VEHICLE BACK AND FORTH A FEW TIMES TO SETTLE THE SUSPENSION.
2. CYCLE THE STEERING WHEEL LEFT TO RIGHT A FEW TIMES TO VERIFY CORRECT OPERATION.

**PLEASE CONTACT US AT (480)-539-4438 OR
SANDCRAFT@SANDCRAFTMOTORSPORTS.COM
IF YOU HAVE ANY QUESTIONS.**