

STEPS TO INSTALLING A GASKET ON A FLANGE

This blog will go over the 8 simple steps to install a gasket on a flange.

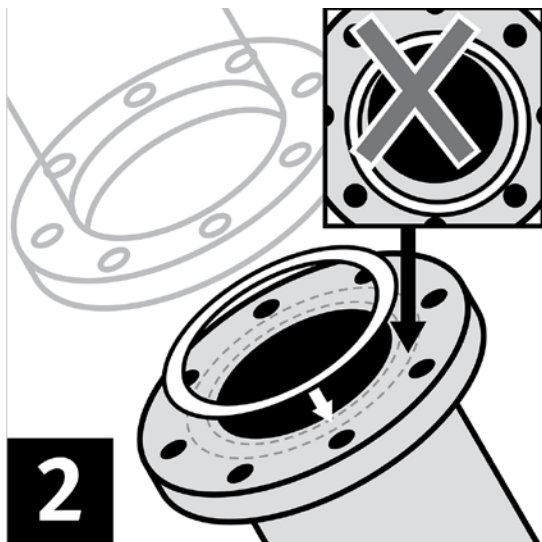
Thanks to our friends at Gore for providing the visual for this blog post.

Ensure the sealing surfaces are clean, dry, and free of grease.



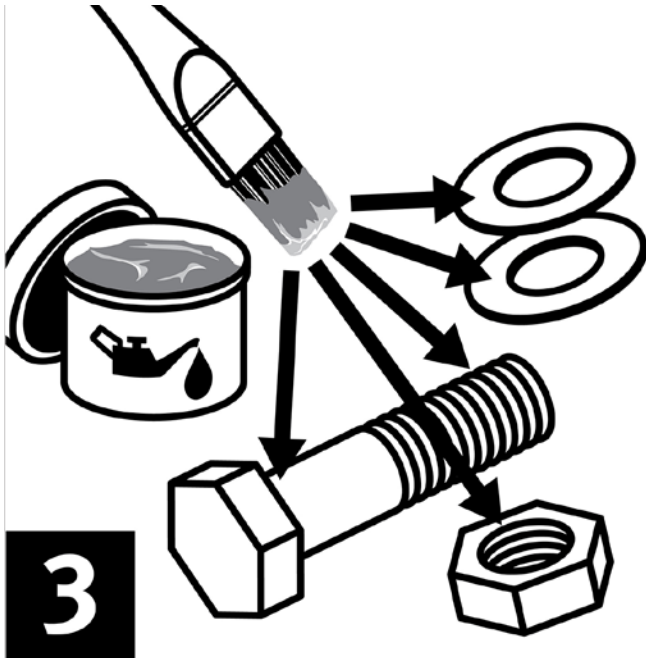
1

Position the gasket so that it is centered on the flange (use the bolts as a guide).

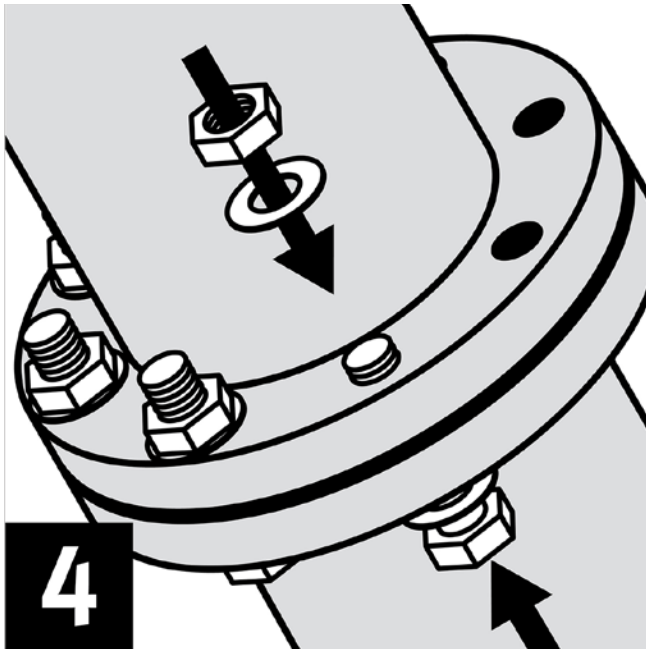


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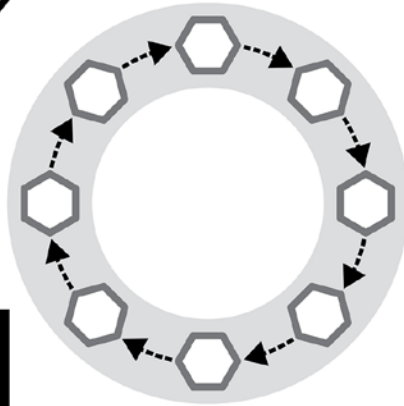
Lubricate the fasteners well. Be sure to lubricate all load bearing surfaces on the bolts, nuts, and washers.



Assemble bolts, washers and nuts on the flange.



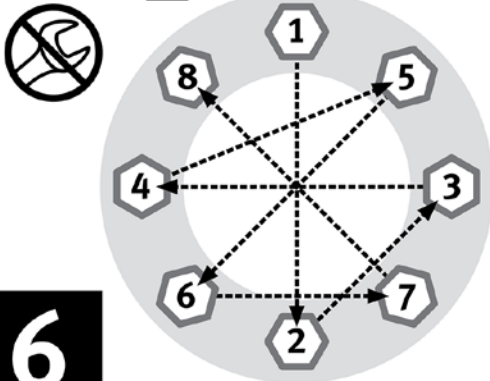
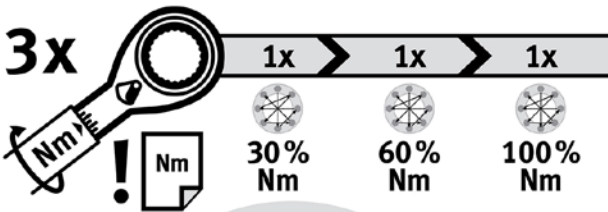
Finger-tighten the bolts, moving in a circular direction.



5

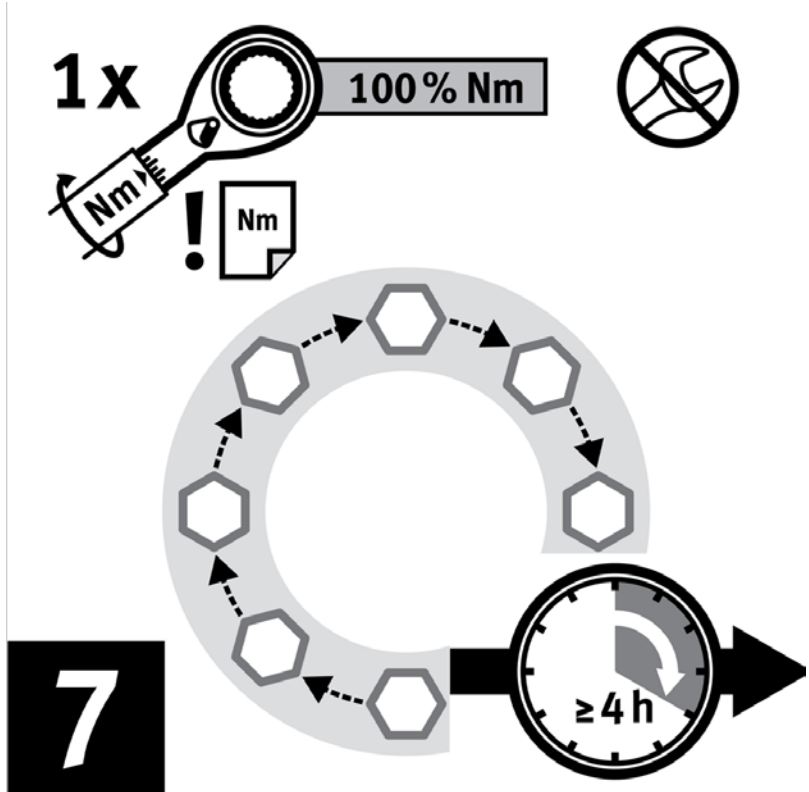
Utilize a calibrated torque device to torque each bolt in a star pattern sequence. Apply the torque in three passes:

- 1st Pass: 30% of Target Torque
- 2nd Pass: 60% of Target Torque
- 3rd Pass: 100% of Target Torque



6

Apply the torque at 100% of Target Torque in a circular pass. Then wait 4 hours.



Complete the installation by performing circular passes until all bolts have achieved the target torque.

