

Spicer® Extreme™ U-Joint Installation Instructions

⚠ NOTE: There are many methods to install this type of u-joint. This instruction sheet is what we found worked best for installing the Spicer® Extreme™ u-joints.

It is recommended to install in aftermarket style axle shafts that come in a range of different materials, but the key is the axle shafts have to be able to accept full circle snap rings.

1. If installing in new axle shafts, skip Step 1. If installing in used axle shafts, remove the old u-joints and clean the lug holes and snap ring seating surfaces. Ensure the axle shafts are in good condition and can accept full circle snap rings.
2. Add Spicer Anti-Seize to the grease gun to be able to pre-lube the u-joint before installation.
3. Fill each trunnion lube reservoir with Spicer Anti-Seize and wipe layer of anti-seize on the outside of the trunnion. Recommend using disposable gloves.



4. Wipe a layer of Spicer Anti-Seize to the inside of the bearing cups, making sure to get the o-ring. To prevent any damage during assembly, do not install the grease zerks at this time.



5. To install cross in axle shaft, the indented side will face up and go in first. You can add snap rings to the trunnion before you install, but sometimes they will get hung up. We have found it easier to insert snap rings after the cross is in place. While either method can work, it will depend on the aftermarket tolerance of the aftermarket axle shaft.



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6. Once cross is in place and snap rings are resting on each trunnion of the cross, you can press the first bearing cup in. This process is what we found works best, but you can achieve the same results using different methods. **NOTE:** Snap rings shown in orange for reference.

7. Slide the cross up through the lug hole to make it easier to align the trunnion and bearing cup.



9. Continue pressing until you see the snap ring groove come through the lug hole. Now you can seat the snap ring on the bearing cup snap ring groove.



8. Begin to press the bearing cup through the lug ear, but before you press all the way through to snap ring groove. Use snap ring pliers and move snap ring on to the bearing cup.



10. Flip the shaft over to start on the opposite bearing cup.



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11. Move the cross up and out of the installed bearing cup to help align the other bearing cup and trunnion.



12. Before you press the bearing cup all the way through the lug ear, go ahead and move the snap ring onto the bearing cup.



13. Now you can continue pressing in the bearing cup until you're able to seat the snap ring. The finished product will look like this. Repeat this process to install the u-joint in the other axle shafts.



14. Install the grease zerks by threading them into every bearing cup. We left them off to prevent any damage during assembly.



15. After assembly, hit the outside of the axle shaft yoke with a hammer to relieve the joint. Do not hit the bearing cup with the hammer.

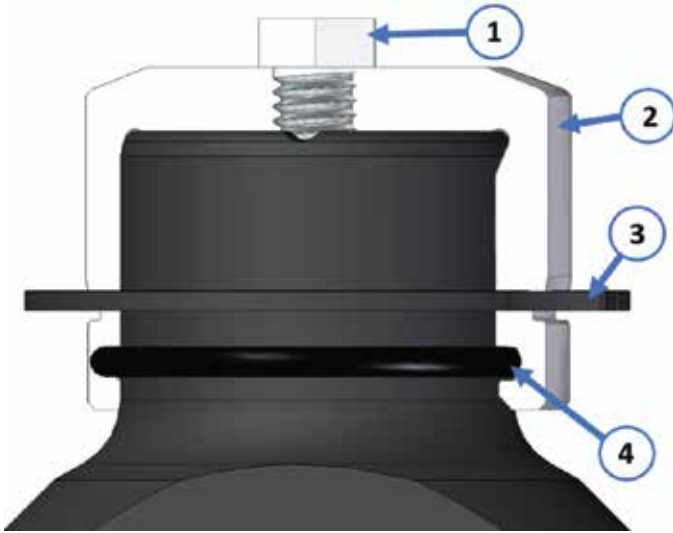
MAINTENANCE: Grease the zerks by inserting needle grease gun. Pump slowly in to each bearing cup; once you feel resistance, move on to the next bearing cup. Grease intervals are based on usage. If used often, grease about every month. If not used often, grease every couple months.

Related Part Numbers

Part Number	Item
SPX-LGK	Grease Gun and lube
SPX-LG	Grease Gun
SPX-L	Lube (Anti-Seize)
5-760SPX-MK	2 kits w/ Grease Gun and lube
5-1480SPX-MK	2 kits w/ Grease Gun and lube
5-760SPX-WJ	1 Kit / no gun or lube
5-1480SPX-WJ	1 Kit / no gun or lube
5-760SPX-RK	1310 M44 Spicer® Extreme™ Wheel Joint Repair Kit
5-1480SPX-RK	1480 M60 Spicer® Extreme™ Wheel Joint Repair Kit
5-760SPX-SRK	1310 M44 Spicer® Extreme™ Wheel Joint Snap Ring Kit
5-1480SPX-SRK	1480 M60 Spicer® Extreme™ Wheel Joint Snap Ring Kit
5-760SPX-ORK	1310 M44 Spicer® Extreme™ Wheel Joint O-Ring Kit
5-1480SPX-ORK	1480 M60 Spicer® Extreme™ Wheel Joint O-Ring Kit

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SERVICE:



Full Service Kit

Part Number	Item	Quantity
5-760SPX-RK	1,2,3,4	4,4,4,4
5-1480SPX-RK	1,2,3,4	4,4,4,4

Snap Rings

Part Number	Item	Quantity
5-760SPX-SRK	3	4
5-1480SPX-SRK	3	4

O-Rings

Part Number	Item	Quantity
5-760SPX-ORK	4	4
5-1480SPX-ORK	4	4

Spicer Chromoly Axle Shafts

1480	760X
10007748	10014981
10007749	10014980
10007819	10007743
10007816	10007744
10007820	10014979
10007817	10007804
10007762	10007813
10007822	10007810
10007814	10007811
	10008249
	10008248
	10007800
	10007805
	10007806
	10007768
	10007799
	10007745
	10007746
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	10007803
	10008247
	10007764
	10008250
	10007808
	10007809
	10007823
	10008246

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