



## INSTALLATION MANUAL

**Vehicle:** Bronco CV Axle

Kit Part # BJK3326001

Level 3 Install: Bolt On  
Install Time: 2 hours (approximate)

**\*\*NOTE:** Read through entire installation manual before deciding whether to attempt the procedure. Do not attempt if you do not possess the proper know-how and tools necessary to complete the installation.

REV022425



## **BEFORE YOU START**

Baja Kits recommends this system be installed by a professional technician. In addition to these instructions, professional knowledge of disassembly/reassembly procedures and post installation checks must be known.

## **FOR YOUR SAFETY**

Certain Baja Kits products are intended to improve off-road performance. Modifying your vehicle for off-road use may result in the vehicle handling differently than a factory equipped vehicle. Extreme care must be used to prevent loss of control or vehicle rollover. Failure to drive your modified vehicle safely may result in serious injury or death. Baja Kits does not recommend the combined use of suspension lifts, body lifts, or other lifting devices. You should never operate your modified vehicle under the influence of alcohol or drugs. Always drive your modified vehicle at reduced speeds to ensure your ability to control your vehicle under all driving conditions. Always wear your seat belt.

## **BEFORE INSTALLATION**

- Special literature required: OE Service Manual for model/year of vehicle. Refer to manual for proper disassembly/reassembly procedures of OE and related components.
- Secure and properly block vehicle prior to installation of Baja Kits components. Always wear safety glasses when using power tools.
- Due to payload options and initial ride height variances, the amount of lift is a base figure. Final ride height dimensions may vary in accordance to original vehicle attitude. Always measure the attitude prior to beginning installation.

## **BEFORE YOU DRIVE**

Check all fasteners for proper torque. Check to ensure for adequate clearance between all rotating, mobile, fixed, and heated members. Verify clearance between exhaust and brake lines, fuel lines, fuel tank, floor boards and wiring harness. Check steering gear for clearance. Test and inspect brake system.

Perform steering sweep to ensure front brake hoses have adequate slack and do not contact any rotating, mobile or heated members. Inspect rear brake hoses at full extension for adequate slack. Failure to perform hose check/ replacement may result in component failure. Longer replacement hoses, if needed can be purchased from a local parts supplier.

Perform head light check and adjustment.

Re-torque all fasteners after 500 miles. Always inspect fasteners and components during routine servicing.

**FOR ANY TECHNICAL QUESTIONS OR SUPPORT,  
PLEASE CONTACT BAJA KITS**

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## BJK3326001 FORD Bronco - CV Axle

Item	Quantity	BJK8212001
910-0013	2	Axle: 2021+ Ford Bronco - Pre Runner -Axle A (BJK: Axle-A)
86-5832	4	Universal CV Clamp - 14.5in Long
6865833	4	Constant Velocity (CV) Joint Boot Clamp

### Special Tools

- Heavy Duty Vice
- Brass Hammer or Punch
- CV Clamp Pliers
- Snap Ring Pliers

### Important Notes

It will be necessary to replace some of the CV axle grease. This kit does not provided CV axle grease therefore it is recommended that purchase CV axle grease before performing the axle swap procedure.

## DISASSEMBLY

### FORD BRONCO - CV AXLE / 2022 / M210 DIFFERENTIAL

1. Using a screwdriver or chisel, to remove the boot clamps. **Fig. 1**



**FIGURE 1**

2. Slide boot down off of differential end of CV housing. **Fig. 2**



**FIGURE 2**

3. Remove some of the grease to expose the retaining ring. **Fig. 3**



**FIGURE 3**

4. Remove retaining ring from inner CV assembly. **Fig. 4, 5**



**FIGURE 4**



**FIGURE 5**

5. Separate housing from bearing assembly. **Fig. 6, 7**



**FIGURE 6**



**FIGURE 7**

6. Remove ball bearings from bearing cage. Store bearings in a clean place. **Fig. 8**

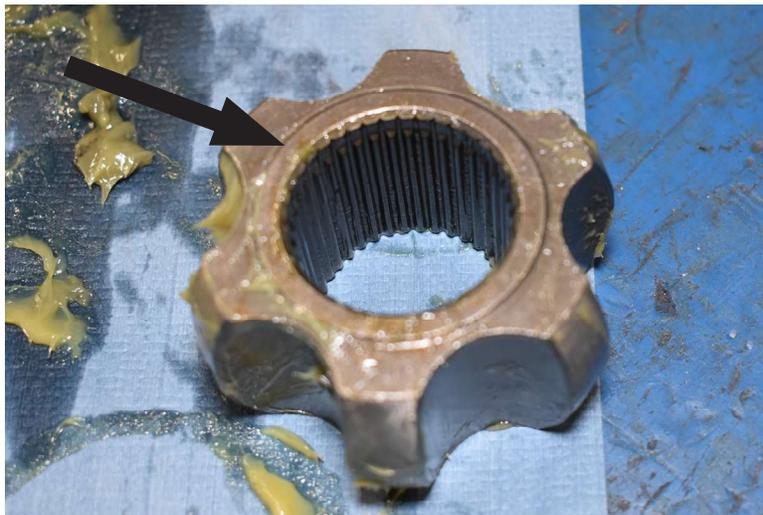


**FIGURE 8**

**NOTE:** Note orientation of bearing housing. Ring goes into the housing. Fig. 9 - Bearing race step goes on the axle first. Fig. 10. This applies to Broncos with M210 Differentials. Broncos with the M190 Differential DO NOT have the groove around the cage.



**FIGURE 9**



**FIGURE 10**

7. Remove snap ring from axle end, retain snap ring for reassembly. Remove bearing race by tapping with a brass hammer. Remove cage. **Fig. 11, 12, 13**



**FIGURE 11**



**FIGURE 12**



**FIGURE 13**

8. Remove CV boot from axle and note which end the boot goes to. **Fig. 14, 15**



**FIGURE 14**



**FIGURE 15**

9. Remove CV Boot from wheel side and remove from axle. **Fig. 16**



**FIGURE 16**

10. Place axle assemble in a heavy duty vice with the bearing assembly down. 039 Recommended is to use a hammer and strike the race to remove. Alternatively use an air hammer to the remove the bearing race from the axle. Be sure to secure the bearing assembly before striking as letting in hit the floor could damage the seal ring. **Fig. 17, 18**



**FIGURE 17**



**FIGURE 18**

11. Remove the retaining ring from the end of the axle and retain for reassembly. **Fig. 19**



**FIGURE 19**

## REASSEMBLY

12. Place outer assembly in vice bearing side up. **Fig. 20**



**FIGURE 20**

13. Replenish the grease lost during disassembly. **Fig. 21**



**FIGURE 21**

14. Install the OE snap ring into the deeper groove at the end of the provided shaft. **Fig. 22**



**FIGURE 22**

15. Insert the axle into the bearing race applying even downward pressure to ensure proper seating of the snap ring into the bearing race. Pull up to ensure that the axle is fully seated. **Fig. 23**



**FIGURE 23**

16. Apply more CV grease. **Fig. 24**



**FIGURE 24**

17. Install the boot previously noted for the outer assembly. **Fig. 25**



**FIGURE 25**

18. Install 2 of the provided boot clamps using clamp pliers. **Fig. 26, 27**



**FIGURE 26**



**FIGURE 27**

19. Install the other OE boot. **Fig. 28**



**FIGURE 28**

20. Install the bearing assembly to the transfer case side of the axle. **Fig. 29, 30**



**FIGURE 29**



**FIGURE 30**

21. Install OE snap ring. Fig. 31



**FIGURE 31**

22. Prepare inside housing by adding CV grease to replenish any lost during disassembly. **Fig. 32**



**FIGURE 32**

23. Slide assembly housing over the bearing assembly. **Fig. 33**



**FIGURE 33**

24. Install OE retaining ring into the groove in the opening of the assembly housing. **Fig. 34**



**FIGURE 34**

25. Slide the boot into place, making sure it is fully seated on the axle grooves. Clamp in place. **Fig. 35, 36, 37**



**FIGURE 35**



**FIGURE 36**



**FIGURE 37**

BJK3326001 FORD Bronco - CV Axle

