

INSTALLATION GUIDE



HARDCORE LIMITED LIFETIME WARRANTY

Upper Control Arm Service Steps

Ford Bronco | 2021+

Rev. 101723

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SERVICE STEPS

Service of COM joints is recommended every 3,000 miles or more frequently when the vehicle is used in salty and/or more corrosive environments. Tri-Flow Superior Dry Lubricant (No. TF21013) or CRC Dry PTFE Lube (No. 03044) is recommended. It is easiest to raise the vehicle up and remove a wheel for maintenance of COM joints. Along with removing the wheel and raising the suspension, this will help to allow the lubricant to work into the COM joint when the vehicle is put back on the ground after the service. Raising the vehicle and removing a tire is NOT a requirement. Illustration is shown outside of the vehicle for clarity.

1. Park the vehicle on a clean, flat surface and block the rear wheels for safety.
2. Raise the front of the vehicle and support with jack stands at the frame rails.
3. Remove the front wheels.
4. Remove the anodized cap from the upper control arm by locating the recess in the cap and using a flat head screw driver to pry the cap up.

FIGURE 1 - SERVICE



FIGURE 2 - SERVICE

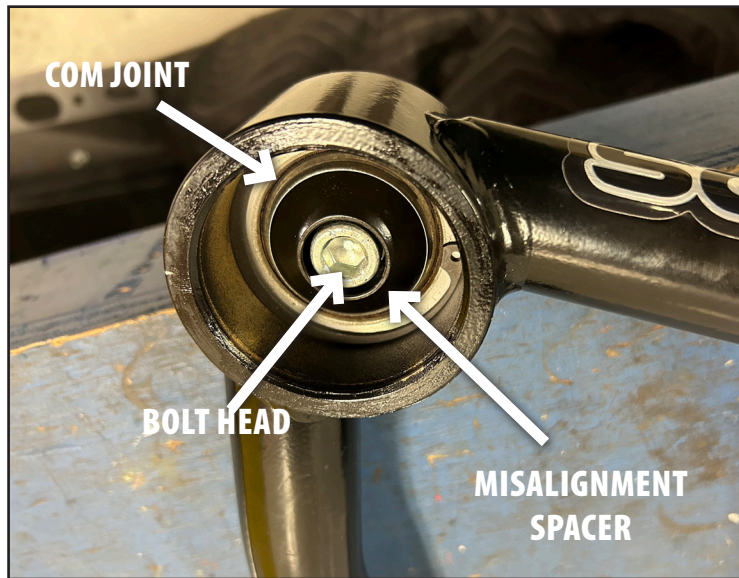


5. Underneath the cap is the COM end with misalignments and the bolt head to attach the upper control arm to the vehicle. Lubricant should be sprayed around the perimeter edge of the COM joint to ensure the lubricant can fully work into the joint when driving the vehicle.



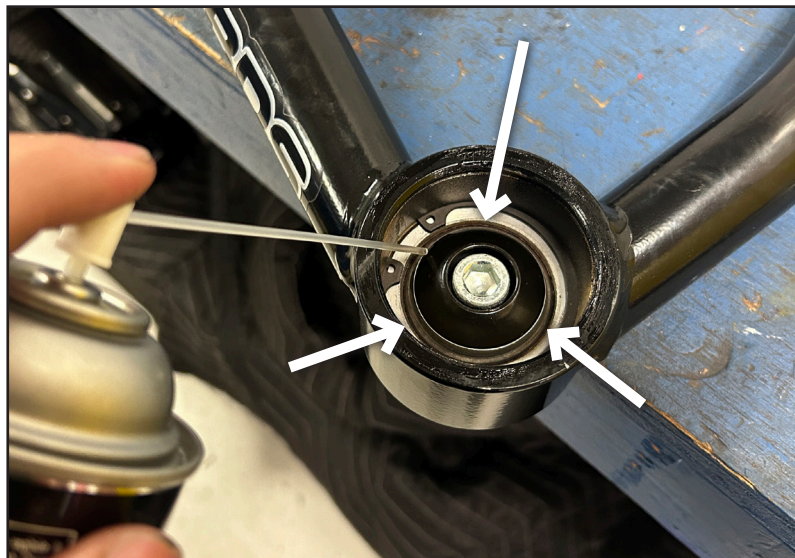
Tip The COM joint should have a shiny / chrome surface to it, while the misalignment will be a black part.

FIGURE 3 - SERVICE



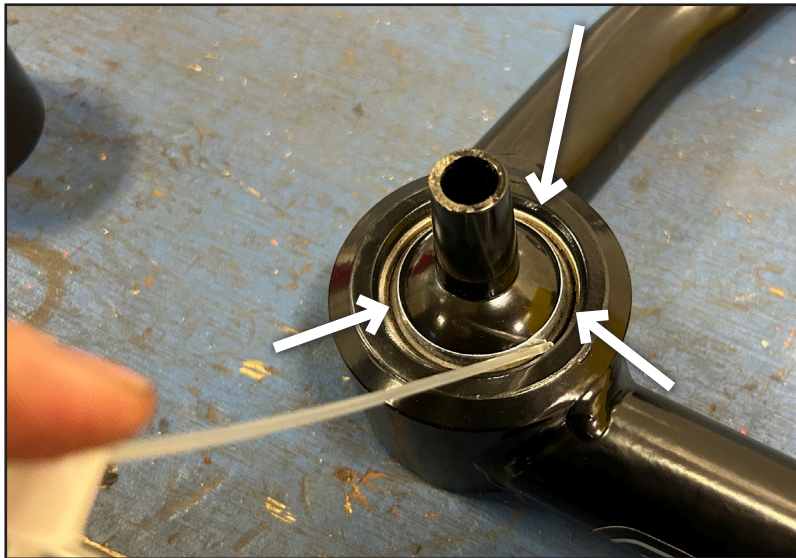
6. Spray lubricant around the whole joint perimeter as shown in the Figure below.

FIGURE 4 - SERVICE



7. Spray lubricant around the whole joint perimeter on the bottom side of the COM joint as well.

FIGURE 5 - SERVICE



8. Cycle the steering from left to right by turning the steering wheel repeatedly. This will allow the lubricant to get into COM joint and allow proper lubrication.
9. Use a clean rag to wipe any excess lubricant from the joint at this time.
10. Grease the O-ring on the cap, then reinstall the cap to the upper control arm.

FIGURE 6 - SERVICE



11. If wheels were removed, reinstall the wheels, snug up lug nuts, and lower the vehicle to the ground. Torque lug nuts to 100 ft-lbs in a crossing pattern.
12. Bounce the front of the vehicle to settle the suspension.