

VEHICLE Nissan Navara D23 (NP300),
D40 / Pathfinder
PRODUCT Upper Control Arm
PRODUCT CODE UCA4981NV2

Tools Required

- 22mm socket/ spanner
- 19mm socket / spanner
- 10mm socket / spanner
- Mallet
- Pliers / side cutters

The H/D ball joints fitted to Blackhawk UCAs have been manufactured in the hard-to-hard style and require regular greasing. PLEASE ENSURE YOU GREASE THE BALL JOINTS AT FITMENT & AT REGULAR SERVICE INTERVALS.

1. Unwrap your Blackhawk UCAs and ensure they are a matching left & right pair, complete with OE rubber spec bushings and HD greaseable ball joints pre-fitted.
2. Have the vehicle securely raised on a hoist or jack stands. Remove front wheels.
3. Remove the split pin from the upper ball joint. Loosen the ball joint nut using a 22mm socket to the end of the thread—but do not remove the nut. Now strike the side of the knuckle to release the ball joint taper. DO NOT STRIKE THE NUT OR THREAD.
4. Use a 19mm spanner to remove the large UCA pivot bolts from the chassis mount as per the vehicle service manual, taking note of the order of components. Keep the OE fitting hardware for refitment and remove arm.
5. Ensure ball joint is greased appropriately—be careful not to over-grease the joint. If it is difficult to push grease into the joint, move the ball joint through its articulation until the joint accepts grease.
6. Install Blackhawk UCA4981NV2 to the vehicle, making sure to fit the arms to their respective sides. The ball joint should move towards the rear of the vehicle. Then re-install the OE pivot bolts to chassis mount, leaving them loose until the vehicle is back on the ground.
7. Place ball joint taper into the knuckle. Tighten the nut and fit a split pin.
8. Lower vehicle and check all components have been refitted and tightened to factory specs. Make sure to tighten the upper pivot bolts now. Re-check tensions after 100kms of driving.
9. Wheel align the vehicle with a qualified wheel aligner.

There is no need to modify the coil tower to gain clearance to achieve acceptable wheel alignment figures and suspension travel with lifted suspension. Engineering documents are available for VASS engineers by contacting Blackhawk 4x4 directly.

