UCA45-205K Ball Joint Replacement instructions

Important Update:
As of September 2025, Dobinsons has switched to supplying Japanese 555 (Triple Five) ball joints for part number BJ45-005. These ball joints are known for their strength and reliability but require a small modification for proper installation.

Installation Notes:
- Check Fitment Before Installation
- Confirm you are using the correct part: BJ45-005.
- Compare the flange diameter of the supplied 555 ball joint against the original unit.

Machining Requirement:
- The flange of the 555 ball joint must be machined down to 55mm for correct fitment.
- Ensure machining is performed by a qualified technician using precision equipment.

Precautions:
- Take care to only machine the flange surface—do not cut into the body of the ball joint.
- Avoid generating excess heat during machining, which could damage the joint.
- Inspect the ball joint after machining to ensure no seals, boots, or housings were compromised.

Final Installation:
- Once machined to 55mm, install the ball joint.
- Torque all hardware to the manufacturer's specifications.
- Verify correct seating of the ball joint and check for free movement before final assembly.

Warning: Improper machining or installation may result in premature wear, failure, or safety hazards. If you are not equipped to perform these modifications, please consult a professional machine shop or installer.