

AUTOMOTIVE CV AXLE INSTALLATION INSTRUCTIONS

FIT IT RIGHT. VERIFY EVERY STEP.

Professional step-by-step fitting guidance for NEXORA replacement automotive CV axles.

IMPORTANT INSTALLATION NOTICE

Always follow the vehicle manufacturer's service procedure and torque specifications. This guide provides general guidance and does not replace vehicle-specific OE service information. Installation should be performed by a qualified technician using appropriate tools and safety equipment.

PREPARE THE VEHICLE, PART, AND WORK AREA

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| 01 | VERIFY APPLICATION
Confirm vehicle application, drivetrain, axle position, joint and spline configuration, ABS/tone-ring design where applicable, and transmission/differential connection. |
| 02 | COMPARE COMPONENTS
Compare the NEXORA axle with the removed axle before installation. Confirm overall configuration and mounting features. |
| 03 | INSPECT RELATED PARTS
Inspect wheel bearing/hub, seals, suspension and steering components, and related hardware for wear or damage. |
| 04 | PREPARE HARDWARE
Use new single-use axle nuts, cotter pins, retaining clips, seals, and other hardware whenever specified by the vehicle manufacturer. |

STEP-BY-STEP FITTING GUIDANCE

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| 01 | PREPARE THE VEHICLE
Park on a level surface, engage the parking brake and secure the wheels. Loosen the axle/hub nut according to the OE procedure when specified. Raise the vehicle at approved lifting points, support it securely, and remove the wheel. |
| 02 | DISCONNECT FROM THE HUB
Remove the axle nut and only those brake, steering or suspension components required for clearance. Carefully move the outer spline through the hub. Protect threads and splines; do not strike them directly with a steel hammer. |
| 03 | REMOVE THE ORIGINAL AXLE
Support the axle while releasing it from the transmission or differential. Use the correct method for circlip- or flange-retained applications. Avoid damaging seals and be prepared for possible fluid loss. |
| 04 | INSPECT & COMPARE
Confirm approximate length, inner and outer joint design, spline configuration, ABS/tone-ring features, retaining-ring location and mounting surfaces. Inspect the hub and transmission/differential seal. |

05**INSTALL THE NEXORA AXLE**

Align the inner splines carefully; never force the axle. For circlip-retained designs, apply firm controlled pressure until fully engaged. Verify the inner joint is completely seated, then guide the outer spline through the hub.

06**REASSEMBLE COMPONENTS**

Reconnect removed suspension, steering, brake and stabilizer components. Replace single-use hardware where specified. Do not allow the axle to hang unsupported or over-articulate.

07**TORQUE TO OE SPECIFICATIONS**

Tighten the axle/hub nut using the vehicle manufacturer's specified torque value and procedure. Torque all related fasteners to OE specifications. Never substitute a generic axle-nut torque value.

08**FINAL INSPECTION**

Verify full seating, correct boot position, secure clamps, correct ABS component position, installed fasteners, no fluid leakage and no interference. Reinstall the wheel and torque its fasteners to OE specification.

09**ROAD TEST & RECHECK**

Perform a controlled road test. Check for clicking, vibration, unusual noise, steering abnormalities, ABS warnings or fluid leakage. Reinspect as required by the vehicle manufacturer's procedure.

INSTALLATION WARNINGS

!	DO NOT pull, carry, or suspend the axle by the CV boots.
!	DO NOT allow the axle to hang unsupported from a CV joint.
!	DO NOT hammer directly on axle threads, splines, or CV joints.
!	DO NOT stretch, bind, or over-articulate the CV joints during installation.
!	DO NOT reuse single-use axle nuts or retaining hardware when OE information specifies replacement.
!	DO NOT use an impact wrench as a substitute for the manufacturer's final axle-nut torque procedure.
!	ALWAYS verify the inner CV joint is fully seated and retained before operating the vehicle.

FINAL QUALITY CHECK

■ Axle fully seated at transmission/differential and hub	■ CV boots correctly positioned; no twist, pinch, cut, or abnormal stretch
■ Boot clamps secure	■ ABS/tone-ring components correctly positioned where applicable
■ All related fasteners torqued to OE specification	■ No transmission/differential fluid leakage
■ No interference through normal steering and suspension movement	■ Road test completed without abnormal noise, vibration, warning lights, or leakage

TECHNICAL SUPPORT

For application, fitment, or installation assistance, contact NEXORA Technical Support. Have the vehicle year, make, model, engine/drivetrain information, VIN when appropriate, and NEXORA part number available.

PROFESSIONAL NOTE

Vehicle-specific procedures vary. Verify current OE service information, fluid requirements, fastener replacement requirements, alignment requirements, and all torque specifications before returning the vehicle to service.

PRECISION DRIVELINE PARTS, BUILT TO STAY INSTALLED.