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› A-Premium CV Axle Shaft Assembly User Manual (Model APCVA3530)

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Comprehensive guide for installation, maintenance, and troubleshooting.

1. PRODUCT OVERVIEW

The A-Premium CV Axle Shaft Assembly serves as a critical component in your vehicle's drivetrain. Its primary function is to transfer power from the engine, through the transmission and differential, directly to the wheels, enabling the vehicle to move forward. This assembly is engineered to meet original equipment (OE) specifications, ensuring smooth and reliable operation.



Figure 1: A-Premium CV Axle Shaft Assembly with product packaging.

2. SPECIFICATIONS

Feature	Detail
Brand	A-Premium
Model Number	APCVA3530
Location	Rear Right (Passenger Side)
ABS Ring Included	No
Axle Nut Included	Yes
Compressed Length	31 inches
Input Shaft Spline Count	27

Output Shaft Spline Count	31
Item Weight	19.03 pounds
Package Dimensions	36.61 x 4.13 x 4.13 inches
OEM Part Numbers	NCV24035, C2D42131, C2Z4812

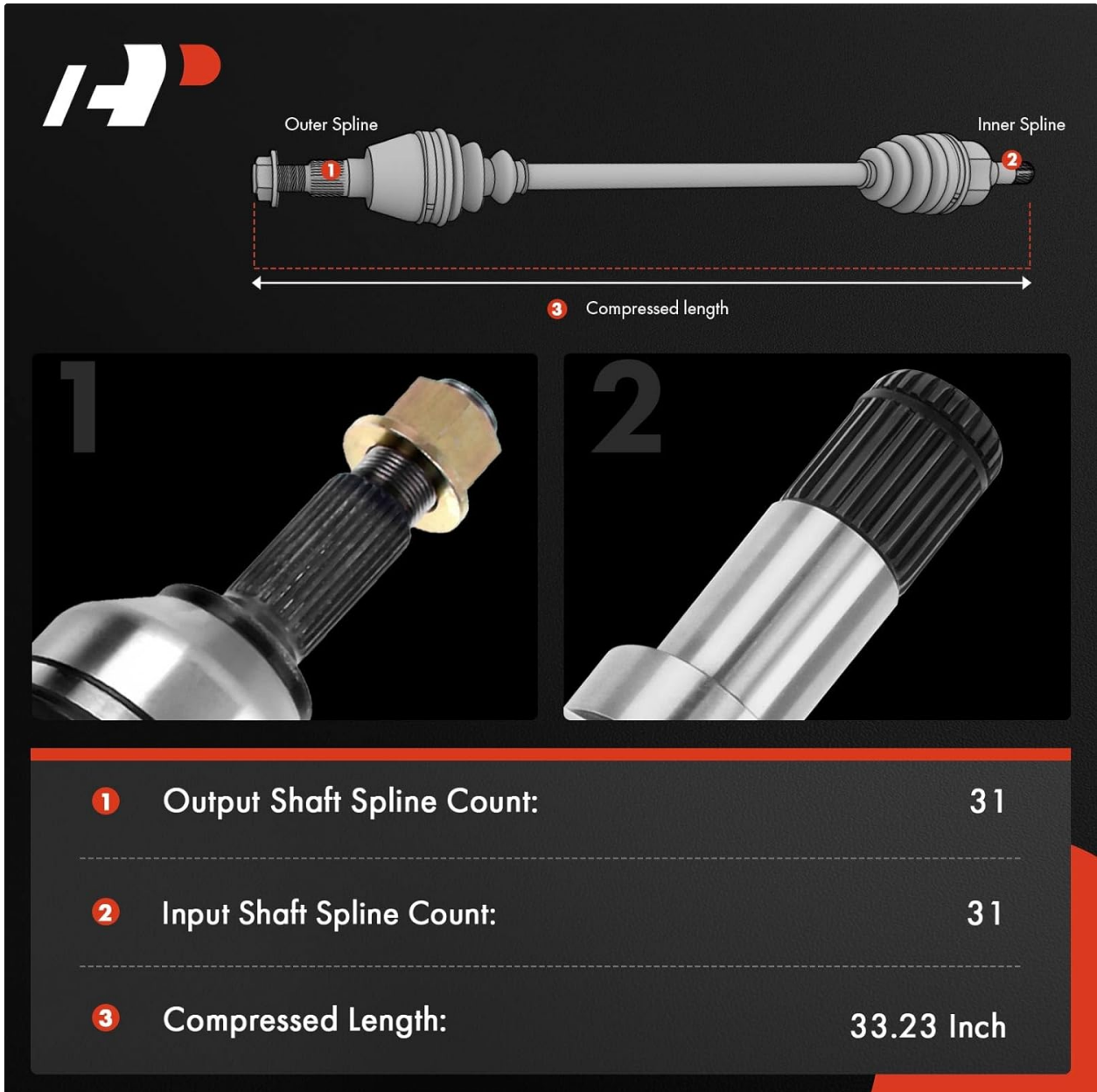


Figure 2: Key dimensions and spline counts of the CV Axle Shaft.



Figure 3: Exploded view illustrating the internal components of the CV Axle Shaft.

3. VEHICLE FITMENT

This A-Premium CV Axle Shaft Assembly (Rear Right Passenger Side) is compatible with the following Jaguar models:

- Jaguar XF: 2010-2015
- Jaguar XFR: 2010-2013
- Jaguar XJ: 2010-2019
- Jaguar XK: 2010-2015
- Jaguar XKR: 2010-2015
- Jaguar XKR-S Base: 2012-2015

Always verify compatibility with your specific vehicle's make, model, and year before installation.

4. INSTALLATION INSTRUCTIONS (SETUP)

Attention: Please use the appropriate shop manual for your specific vehicle to obtain detailed service instructions. If you do not have an installation manual or possess sufficient skill to install this part, it

is strongly recommended to seek assistance from a qualified mechanic.

The following video provides a general overview of a CV Axle Shaft Assembly and its function:

Video 1: Overview of A-Premium CV Axle Drive Shaft Assembly, demonstrating its components and function in transferring power to the wheels.

General Installation Steps (Consult Vehicle-Specific Manual for Details):

1. **Preparation:** Safely lift and support the vehicle. Remove the wheel.
2. **Remove Axle Nut:** Loosen and remove the axle nut from the hub.
3. **Disconnect Suspension Components:** Disconnect any necessary suspension components (e.g., lower control arm, tie rod end) to allow sufficient movement for axle removal.
4. **Remove Old Axle:** Carefully pull the old CV axle from the hub and then from the transmission/differential.
5. **Install New Axle:** Insert the new CV axle into the transmission/differential, ensuring it is fully seated. Then, guide the outer end into the hub.
6. **Reconnect Components:** Reattach all disconnected suspension components.
7. **Tighten Axle Nut:** Install and tighten the new axle nut to your vehicle's manufacturer-specified torque.
8. **Final Steps:** Reinstall the wheel, lower the vehicle, and perform a test drive to ensure proper function.

5. MAINTENANCE AND TROUBLESHOOTING

Regular inspection of your CV axle boots for tears or cracks is recommended to prevent premature failure. The boots protect the CV joints from contaminants and retain lubrication.

Troubleshooting: When to Consider CV Axle Shaft Replacement

Observe your vehicle for the following symptoms, which may indicate a failing CV axle shaft:

- **Grease on the edge of the tire:** This often indicates a torn CV boot, allowing grease to escape.
- **Excessive vibration while driving:** A damaged or unbalanced CV axle can cause noticeable vibrations, especially at higher speeds.
- **Deformation of the CV Axle Shaft:** Visible bending or damage to the shaft itself.
- **Loud clicking noise when turning or accelerating:** This is a common symptom of a worn or damaged outer CV joint.



WHEN TO REPLACE YOUR CV AXLE SHAFT

- 1 Grease on edge of the tire
- 2 Excessive vibration while driving
- 3 Deformation of CV Axle Shaft
- 4 Loud clicking noise when turning or accelerating

Figure 4: Visual guide to common symptoms indicating a need for CV Axle Shaft replacement.

6. WARRANTY AND SUPPORT

A-Premium offers a **one-year unlimited-mileage guarantee** on this meticulously crafted CV axle. For support or warranty claims, please refer to the contact information provided with your purchase or visit the official A-Premium store on Amazon.