



New Intermediate Shafts

DESIGNED TO IMPROVE VEHICLE HANDLING

Providing Leading Market Coverage

NAPA® New Premium C.V. Axle continues its commitment in providing leading market coverage to help maximize your sales opportunities. This includes our new Intermediate Shaft program that has been recently expanded to 46 SKUs, accounting for over 13 million-part opportunities. (via Data)

WHAT ARE THEY... AND WHAT DO THEY DO?

Intermediate shafts, often referred to as “stub shafts” or “inner shafts” act as the link that couples the CV axle to the transaxle or differential. They allow for the removal and installation of CV axle assemblies without the need to disturb or replace the transaxle or differential oil seal.

The intermediate shaft connects the CV axle to the transmission and ensures that the left and right CV axles are of equal lengths. The equal joint angles between the left and right CV axles reduce torque steer and improves vehicle handling.

COMMON FAILURE ISSUES

- Intermediate shaft bearing failure
- Circlips not being replaced when intermediate shafts are reused
- Damage to splines or clips due to improper removal or installation
- Corrosion of the splines/clip due to failed dust/moisture seal

The above failures can lead to the CV axle becoming disengaged during operation causing loss of drive power and transaxle or differential damage.

Note: Often, only the intermediate shaft may need to be replaced when the entire CV is initially thought to be at fault.

Fix the Cause - Not the Symptom.

