

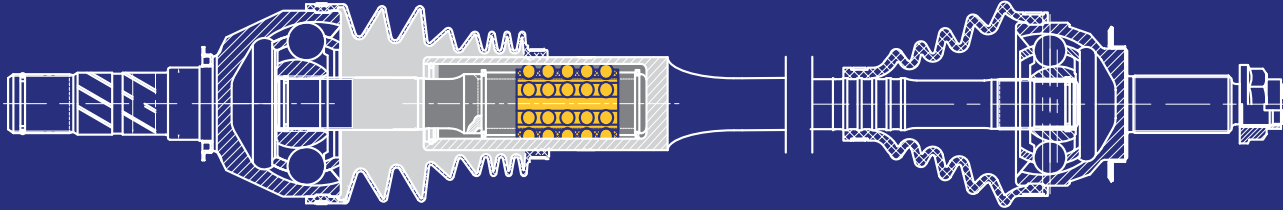


New Premium C.V. Axles

DESIGNED SPECIFICALLY FOR SUBARU VEHICLES

NAPA® Subaru HD CV Axles Solve OE Binding Issues

OE COMPARED TO NAPA SUBARU HD NEW PREMIUM CV AXLE DESIGN



THE PROBLEM:

Developed from Original Equipment design. These CV axles rely on the inboard joint to provide all linear travel (plunge) for the CV axle.

This limits the maximum angle this type of CV axle can operate at without binding to, 23° for a tripod style and 30° for 6 ball style joints.

It also limits the amount of linear travel the CV axle is capable of, to roughly 2 inches.

The OE CV axle creates a binding issue when installed on vehicles where the transmission either has shifted excessively from center, or experiences excessive side to side movement during acceleration.

THE SOLUTION:

Developed for increased linear travel and greater articulation, to compensate for worn or fatigued engine / transmission mounts.

Moving the linear (telescopic) function of the CV axle from the inboard joint to the center shaft, allows the use of 6-ball joints with a full 45° of articulation on both sides.

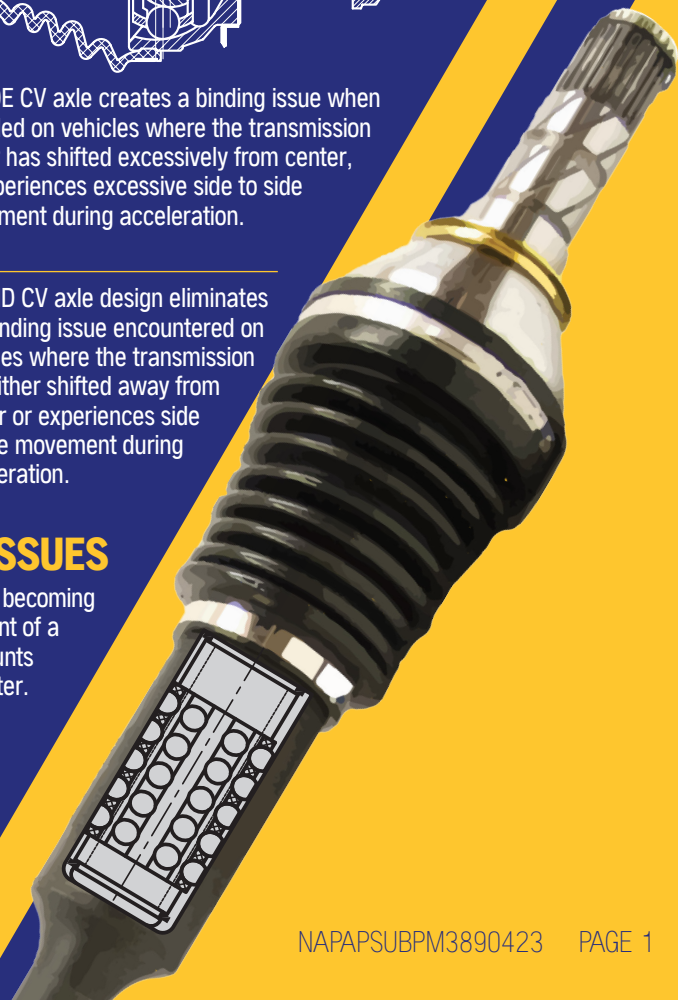
It also allows up to 50% more linear travel than a conventional CV axle.

The HD CV axle design eliminates the binding issue encountered on vehicles where the transmission has either shifted away from center or experiences side to side movement during acceleration.

ADDRESSING SUBARU VIBRATION ISSUES

THE PROBLEM Subaru transmission mounts are susceptible to becoming very spongy and wear out due to the unique horizontal movement of a boxer (cylinders horizontally opposed) engine. When these mounts wear, they cause the engine/transmission to sit slightly off center.

THE SOLUTION Inspect and replace the transmission mount (if worn) to eliminate off center vibration issues. Note: If the mount is worn, the articulation angle of the new replacement axle becomes the mount that is holding the transmission in the correct location, which creates a binding vibration.





Subaru HD New Premium C.V. Axles Popular Applications

Part No. Description

94-1740	Subaru Forester, Subaru Impreza, Subaru Legacy
94-1741	Subaru Baja, Subaru Forester, Subaru Impreza, Subaru Legacy, Subaru Outback
94-1742	Subaru Impreza, Subaru Legacy, Subaru Outback
94-1743	Subaru DL, Subaru GL / GL-10, Subaru Loyale, Subaru RX, Subaru XT
94-1744	Subaru Impreza

Part No. Description

94-1745	Subaru Impreza
94-1746	Subaru Forester, Subaru Impreza
94-1747	Subaru Forester, Subaru Impreza, Subaru Legacy
94-1748	Subaru Forester, Subaru Impreza, Subaru Legacy
94-1749	Subaru B9 Tribeca, Subaru Tribeca
94-1750	Subaru Forester, Subaru Impreza, Subaru WRX, Subaru XV Crosstrek
94-1751	Subaru WRX

Note: The Buyers Guide information listed is for quick reference only. To verify the correct part for your vehicle please go to NAPAonline.com.

