



Nissan Locking Differential CV: How to Determine?

Application Nissan vehicles with or without locking differential.

Problem How to determine the correct driver-side CV to buy?

Solution A driver-side CV axle used in vehicles with locking differential has two sets of splines on the inboard shaft as shown below. There are two techniques that can be used to determine the correct axle depending on whether the original axle is installed or not.

CV unit removed from vehicle: Check inboard spline shaft. Locking differential will have two sets of splines (see picture).

CV unit installed: Safely lift vehicle off the ground so that both wheels can turn freely. Place the transmission in gear (manual in first gear, automatic in drive). Now turn one wheel in the forward direction of rotation. If the other wheel turns in the same direction, the vehicle has locking differential. If the other wheel turns in the opposite direction, it does not.



Inboard splines of locking differential CV



Inboard splines of non-locking differential CV