

CARDONE[™] ProTech[®]

Supporting Today's Vehicle Technician



Determining GM CV Overall Length

Application GM cars and trucks with Hytrel (Thermo Plastic Elastomer) inner joint boots.

Problem The compressed length of the replacement CV does not match the original unit.

Cause Most GM CV inner boots are made of Hytrel – a hard thermoplastic material. This boot is very stiff and does not allow for boot expansion while compressing the axle. CARDONE CV boots are made of a flexible high quality neoprene that meets SAE specifications. This boot type expands when the axle is compressed due to trapped air, allowing the axle to be fully compressed, while the GM boot does not.

Solution If the original core is not going to be installed back into the car, puncture the inner joint boot so the trapped air can escape. If axle is to be reinstalled, remove the large boot clamp that seals the boot onto the joint and slide back the boot. Now both units can be fully compressed to compare lengths.



Loosen this clamp