

Rear Axle Binding On Turns

For customer complaints concerning the rear axle binding on turns, physically measure the outer circumference of the tires before making any repairs to a 4EAT transmission. You must measure the tires using a piece of string or a flexible metal tapemeasure. Differences in circumference as small as 1/4-inch can cause a binding situation.

Reading the numbers on the side of the tires is not accurate enough. Even new tires can have different circumferences from variations in molding. Different tire brands can have, and in most cases do have, different circumferences, even though they have the same size numbers on the tire sidewall. This is why the tires must be measured.

If the vehicle has lots of miles on it, have the tires been rotated on a regular basis? You will never pick up a 1/4-inch difference by looking at the tires. It's a lot easier to take the time to measure the tires, rather than unnecessarily rebuilding an AWD clutch pack and its related subsystems.

