

DID YOU KNOW?

DON'T REPLACE A 'PRESSED-IN' BALL JOINT MORE THAN ONCE

ADVICE FOR THE PROFESSIONAL DYK21-04

OVERVIEW

Ball joints that are fitted on wishbone arms using 'press-in' technology, must not be replaced more than once.

These type of ball joints are not commonly available as separate parts in the OES market, where vehicle manufacturers generally propose a fully assembled arm as the replacement solution.



INSTALLATION TIP

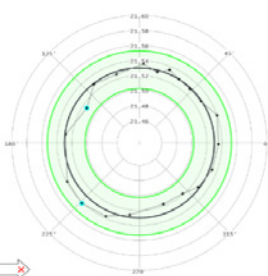
MOOG offers individual ball joints to permit a more economical repair solution.



It is important to note that ball joints cannot be indefinitely replaced. Repetitive dismantling/ pressing operations significantly affect both the diameter and roundness of the arm body hole - where the ball joint is pressed in. This is especially the case when the arm body material is sheet steel.



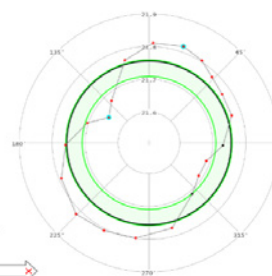
First replacement of ball joint



Arm body hole inner \varnothing and roundness are **OK**



After several successive replacement of ball joints



Arm body hole inner \varnothing and roundness are **NOK**

This inevitable progressive 'machining' of the arm body hole will cause a reduction of ball joint pull out force and the housing could eventually become loose within its bore.

For driver safety, MOOG recommends that a 'press-in' ball joint is only replaced on one occasion and that any subsequent repair should use a fully assembled wishbone arm.

For additional technical support visit
www.drivparts.com/en-eu/garagegurus.html



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