

# 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

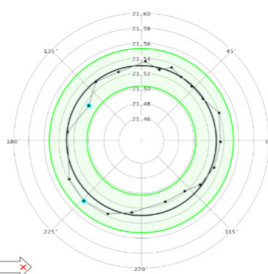
MOOG offers individual ball joints to permit a more economical repair solution.



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.



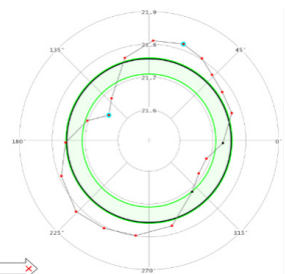
First replacement of ball joint



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](http://www.drivparts.com/en-eu/garagegurus.html)



FOLLOW US  

[www.moogparts.eu](http://www.moogparts.eu)

