

EASY SOLUTIONS BULLETIN



New wishbone arms featuring improved bushes constructed from metal

CITROËN C2, C3, C3 PLURIEL PEUGEOT 1007

CI-TC-0932 & CI-TC-0933
CI-WP-12503 & CI-WP-12504

MAKE	MODEL	Year from → Year to
Citroen	C2	09/03 →
Citroen	C3	02/02 →
Citroen	C3 Pluriel	05/03 →
Peugeot	1007	04/05 →

MOOG PART NUMBER	OE PART NUMBERS	DESCRIPTION	PLASTIC / METAL
CI-TC-0932	3521H6, 3521J1, 3521N1, 3521N3	Wishbone RH	Plastic
CI-TC-0933	3520L4, 3520L9, 3520R0, 3520R2	Wishbone LH	Plastic
CI-WP-12503	3520R4, 3520R6, 3520T2, 3520T3	Wishbone LH	Metal
CI-WP-12504	3521N5, 3521N7, 3521Q3, 3521Q4	Wishbone RH	Metal

MOOG now also offers a metal bush version, next to the standard plastic aftermarket design.



During this change MOOG also optimized and improved the design of the plastic versions as well.



Challenge

The standard aftermarket wishbone design features a **plastic front and center bush**. Our laboratory tests revealed that the forces required to push out these plastic bushes whilst in operation are much lower compared to the new OEM metal bushes.

The reason: during assembly the **force necessary** to press the plastic bush in the sheet metal arm **is much lower compared to the metal bush design**. In addition, it is noticeable that the plastic bush is only fixed into the arm by means of a small outer sleeve.



Easy Solutions

To be in line with the new OE design MOOG introduces a new pair of wishbone arms featuring front and centre **bushes constructed from metal**, this allowing for greater hold within the arm due to increased insertion force during the assembly process.

For economical reasons we also decided to **keep the bushings with plastic outer sleeve in range** and we took the opportunity to optimize and improve the design with a bigger sleeve consisting of more metal and less rubber inside.

PRMMO1509-EN

MAKE IT EASY. MAKE IT **MOOG**

