

## EASY SOLUTIONS BULLETIN



### Improved durability on PSA wishbones

## PSA WISHBONES

CI-WP-0158 & 0159  
PE-WP-0328 & 0329  
PE-WP-0330 & 0337



Metal fatigue tests revealed premature wear.



MOOG's easy solutions improve the durability of the bracket.

MAKE	MOOG OLD PART NUMBER	MOOG NEW PART NUMBER	POSITION	MODELS	OE PART NUMBER
CITROEN / PEUGEOT	CI-WP-0158	CI-WP-13401	Front LH	Berlingo, Xsara, ZX, Partner	3520H5, 3520H6
	CI-WP-0159	CI-WP-13402	Front RH		3520E6, 3521E5
PEUGEOT	PE-WP-0328	PE-WP-13403	Front LH	306 (7B, N3, N5) / 306 Break (7E, N3, N5) / 306 Convertible (7D, N3, N5) / 306 Hatchback (7A, 7C, N3, N5)	3520H3, 3520H4
	PE-WP-0329	PE-WP-13404	Front RH		3521E3, 3521E4
	PE-WP-0330	PE-WP-13407	Front LH		3520H3, 3520H4
	PE-WP-0337	PE-WP-13408	Front RH		3521E3, 3521E4

### Challenge

**Metal fatigue tests** simulated in our MOOG lab revealed that several aftermarket PSA wishbone arms which feature a **sheet metal bracket** to secure the front silent block to the main arm were **weakening quicker than the OE equivalent**.

### Easy Solutions

MOOG made **4 significant changes to achieve OE-like durability**:

1. The width of the tap has been increased by 10%
2. The arm and tap are made from a different metal with a much higher yield strength
3. The thickness of the material has been increased by 20%
4. The length of the circular weld has been increased from 210° to 330°

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MAKE IT EASY. MAKE IT 

