

EASY SOLUTIONS BULLETIN



New technology on track control arm bushes reduces noise

ALFA ROMEO

Alfa 159 Brera, Spider

AL-TC-5097 / AL-TC-5098

AL-TC-8104 / AL-TC-8105

MAKE	MODEL	Year from → Year to
ALFA ROMEO	Alfa 159 Brera Spider	02/98 → 10/06 01/06 → 09/06 →

MOOG PART NUMBER	CHASSIS NUMBER	OE PART NUMBERS	DESCRIPTION
AL-TC-5097	→ CH.7019303	50704947, 71746512	Upper Track Control Arm LH
AL-TC-5098	→ CH.7019303	50704948, 71746513	Upper Track Control Arm RH
AL-TC-8104	CH.7019303 →	51817624, 51828660	Upper Track Control Arm RH
AL-TC-8105	CH.7019303 →	51817623, 51828661	Upper Track Control Arm LH



A smooth chromium-based coating and additional grease between the metallic and plastic part reduces friction and prevents noise when the parts move.

Challenge

The **bushes which are fitted on the original upper track control arm** can cause an **aggravating noise during normal driving conditions**. Upon investigation we discovered that the rough surface of the zinc phosphate coating used on the inner tube causes excess friction whilst the part moves within the plastic housing. It is this friction that generates the noise.

Easy Solutions

The **coating** has been **improved to a much smoother chromium-based finish** which subsequently **eliminates friction and the associated noise**. In addition, MOOG **added grease** between the metallic and plastic components which eliminates any friction between these rotating components.

