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Service Tips and Best Practices

2009-2003 Nissan 350Z and 2007-2003 Infiniti G35 Front Lower Rearward Control Arm to Steering Knuckle Tapered Sleeve

Brand	Supreme	Product	Control Arm	Date	November 2022
Part Number(s)	CMS30165/CMS30166				

During a front lower rearward control arm replacement service on the applications noted below, in some cases the Professional Technician may notice the Mevotech Supreme replacement control arm appears visually different in comparison.

Application(s)
2009-2003 Nissan 350Z
2007-2003 Infiniti G35 RWD

Occasionally, when separating the front lower rearward control arm from the steering knuckle, the tapered sleeve will become seized to the ball joint portion of the old control arm. This will lead to the above-mentioned visual discrepancy. **See Figure 1**.

It is important to adhere to the factory service manual for all removal procedures when separating a control arm which uses a sleeve. Often, a special tool will be required or specified to retain the sleeve in the steering knuckle bore as the old control arm is removed.

If the sleeve must be removed from the old control arm for re-use, it must be separated carefully. A combination of penetrating oil and a three-jaw puller will usually suffice. All rust and corrosion must be cleaned from the sleeve and steering knuckle bore. Additionally, the sleeve and mating component must be inspected for any damage and or an 'out-of-round' condition. Do not re-use the sleeve or mating component if signs of damage or abnormal wear are found during inspection.



Figure 1. Tapered sleeve (circled) may become seized to the ball joint portion of the old control arm, and when compared to the new replacement part cause a visual difference between the two. Mevotech Supreme front lower rearward control arms CMS30165 and CMS30166 are anti-corrosion coated to reduce potential of seizing.

Always ensure to refer to the factory service manual for correct diagnostic procedures, component removal and installation methods and fastening torque values and procedures where applicable. Only use a calibrated torque wrench for final fastening.

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