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Service Tips and Best Practices

Volvo C30/C70/S40/V50 Front Lower Control Arm – Headlight Autolevel Bracket

Brand	Supreme	Product	Control Arms	Date	June 2020
Part Number(s)	CMS70162/CMS70163				

When ordering replacement front lower control arms for the below models, it is important to ascertain if the vehicle is optioned with Xenon autolevel headlights from the factory.

Vehicle Models
Volvo C30 2008-2013
Volvo C70 2006-2013
Volvo S40 2006-2011
Volvo V50 2006-2011

The mount point for the headlight level sensor via a bracket is the front lower control arm. This bracket is joined to the arm with a rivet nut **(see Figure 1)**. Replacement arms will have a pre-existing locating hole; however, a new rivet nut may not be included **(see Figure 2)**.

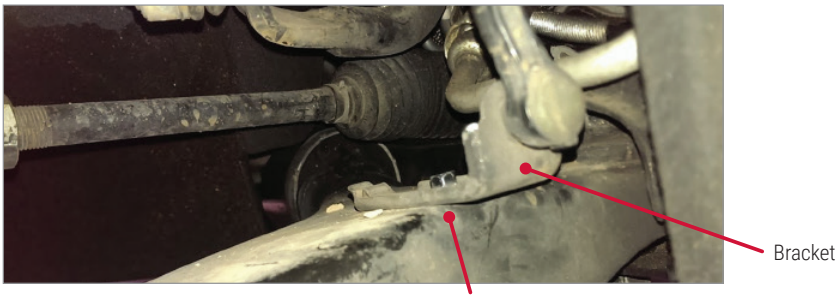


Figure 1: Rivet placed into arm, creating a mounting point for bolt



Figure 2: Pre-drilled mount point hole for bracket.

As such, to successfully install replacement arms on a vehicle and ensure the function of the autolevel system, the following additional hardware and tools will be required:

- Rivet Nut (OE# 999632 – current as of this publication date)
- Blind Rivet Nut Installation Tool

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