MEVOTECH

MEVOTECH INSIDER

Service Tips and Best Practices

Steering Rack Identification: Volvo C70/V70/S70 (P80 1st Gen)

Brand	Original Grade/Supreme	Product	Tie Rod Ends	Date	September 2021
Part Number(s)	GEV330/MEV330				

Due to production variances at factory level, specifically multiple component suppliers, the applications below may be equipped with one of two different steering rack types.

Application(s)
2004-1998 Volvo C70
2000-1998 Volvo S70
2000-1998 Volvo V70

When ordering replacement front inner tie rod ends it is recommended that the Professional Technician verify the vehicle's steering rack type. This will help to ensure a frustration-free repair outcome.

To determine the steering rack type, follow inspection procedures below. This procedure presumes the vehicle is still equipped with the original factory-installed rack and has not been swapped for an alternate.

- Locate Product ID Plate (also known as Service ID Plate)
- On early production models, the plate can be found mounted on the left (driver's) side of the engine compartment
- On later production models, the plate can be found mounted onto the B pillar of the right (passenger's) rear door
- On plate, read the fifth line toward bottom right and verify the last digit

TRW/CAM Steering Rack
If last digit on the fifth line is 4, this is considered a TRW/CAM style rack. **See Figure 1** for digit location on plate.

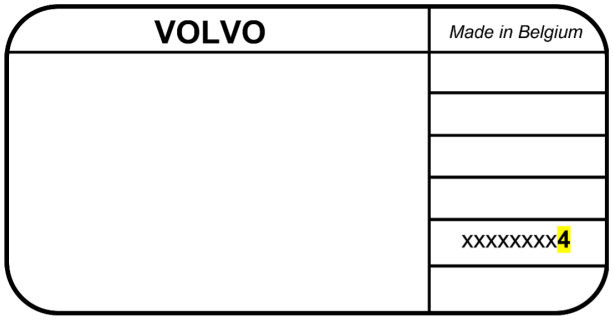


Figure 1.

SMI Steering Rack
If last digit on the fifth line is 5, this is considered a SMI style rack. Alternatively, a SMI logo may be stamped onto the rack and viewed from underneath. **See Figure 2** for digit location on plate.

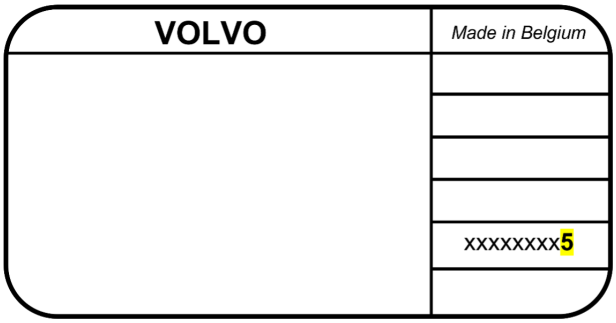


Figure 2.

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

WE SUPPORT ASE CERTIFICATION

DISCLAIMER: The information in this communication is intended for use only by skilled technicians who have the proper tools, equipment and training to correctly and safely maintain vehicles. Refer to original manufacturers service manual for proper torque specifications and removal/installation procedures. All content in the publication is provided as-is and without warranty. All care has been taken to ensure the accuracy of the information presented. The publisher assumes no responsibility or liability for any loss or damage, direct, indirect or consequential, arising from the use of the information contained herein.