

Power Steering - ECPS System Diagnostics

NO: 64-20

DATE: 12-02-2004

MODEL/ YEAR: 2003 and later, XC90
2004 and later, S60, V70, XC70, S80

SUBJECT: ZF [Power Steering](#) Diagnostics, (ECPS) Electronically Controlled Power Steering

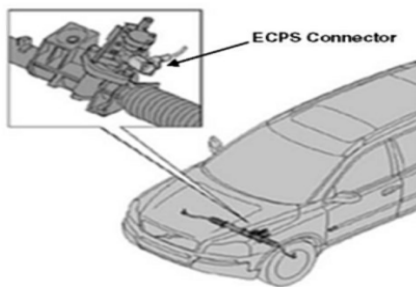
REFERENCE: VADIS / VIDA

DESCRIPTION:

When Diagnosing [Power steering](#) problems on vehicles equipped with ZF ECPS (Electronically Controlled Power Steering) it is important to understand how the system is designed. The ZF steering rack used in these vehicles does not have diagnostics, meaning no DTCs. If the system should have an electrical malfunction (e.g. open fuse etc.) the default mode will be low assist, which can result in increased [steering](#) effort at low speed.

SERVICE:

If the vehicle is equipped with ECPS you should fault trace using VADIS / VIDA symptom entry.



It must first be determined if the vehicle is fitted with ECPS. ECPS can be identified by looking for the connector on the [steering gear](#) as illustrated.