Mercedes W213 - Brake pedal sluggish and engine check lamp lights up

Data sheet	
Manufacturer	Mercedes
Vehicle model	W213 (E-Class)
Engine	Diesel
Engine code	654.916/654.920
Year of manufacture	From 2016
Symptoms	Brake pedal sluggish | Engine check lamp lights up

Important safety note

A faulty coolant pump in the Mercedes W213 can negatively impact the brake pedal

A faulty motor coolant pump can cause coolant to enter the brake system's vacuum system. Furthermore, oil can enter the system via the tandem pump. This impairs the function, making it difficult to operate the brake pedal. The engine check lamp also lights up periodically.

The following components should be replaced to rectify the problem:

- Coolant pump
- Tandem pump (engine oil/vacuum)
- Vacuum solenoid valve
- All vacuum lines

The vacuum system must also be checked for further contamination and cleaned if necessary. It may be necessary to replace other components. After completing the repair, the fault memory should be cleared, the braking performance tested using a brake tester and a test drive carried out.

Reprinting, distribution, reproduction, exploitation in any form or disclosure of the contents of this document, even in part, is prohibited without our express, written approval; indication of the document source is also required. The schematic illustrations, pictures and descriptions serve only for the purposes of explanation and representation of the instructions and cannot be used as a basis for installation or assembly work. All rights reserved.