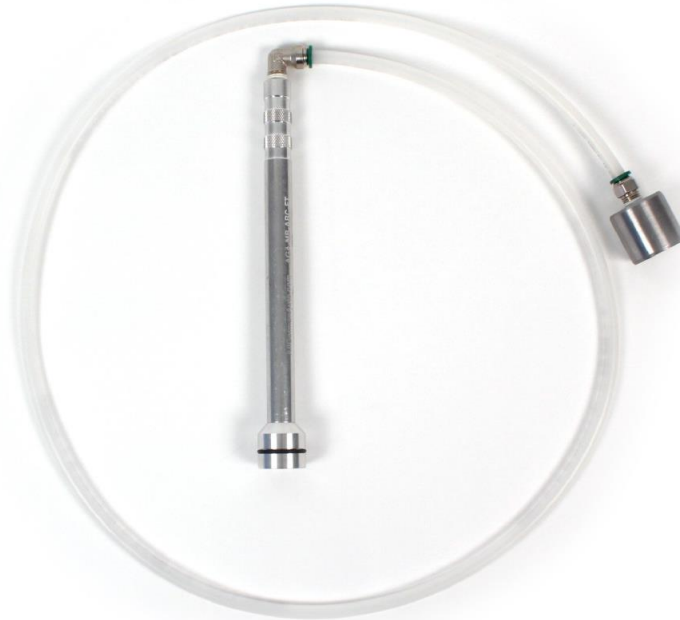


## AGA Mercedes-Benz ABC Flush Tool

Part #: AGA-MB-ABC-FT



### **Problem:**

You have a Mercedes-Benz with Active Body Control (ABC) that requires a system flush. The ABC fluid return line is attached to the bottom of the fluid reservoir. This requires the reservoir to be removed from the car to cap off the return port and attach a hose to the ABC return line in order to flush the system. Then once you have flushed the system, the reservoir must be removed again to re-install the fluid return line.

### **Solution:**

Use the AGA Mercedes-Benz ABC Flush Tool to connect to the ABC fluid return port inside of the fluid reservoir through the top of the reservoir. The tool is supplied with a hose and weight to direct the fluid into a suitable drain bucket.

### **Benefit:**

No longer is valuable time wasted removing and re-installing the ABC fluid reservoir two times in order to flush an ABC system, nor is time spent trying to find a suitable hose, fitting, and cap to attach to the return line and port for flushing.

**Note:**

In order to properly flush the ABC system it is recommended that you have access to Mercedes-Benz Star Diagnosis System and have a minimum of 10L of Pentosin CH11s or a similar factory approved fluid. You will need a drain bucket that holds at least 15L to catch fluid while flushing. Always replace the ABC fluid filter after performing a flush. This Mercedes Benz ABC Flush tool is intended for professional mechanics. These instructions are for experienced technicians only.

**Instructions:**

1. Verify that fluid level in ABC reservoir is full, correct fluid level if needed
2. Warm up ABC system to 80°C or 176°F by Connect Star Diagnosis system and under Suspension menu select “Activate all suspension struts alternately in circular sequence (rodeo)” and start activation. Process will take approx. 15 min.
3. After warming up system shut off engine and removed large fill cap from reservoir which has the ABC system filter attached to the bottom of it.
4. Insert the AGA Mercedes-Benz ABC Flushing Tool through the large opening in the top of the reservoir and press it down firmly so that it seals into the return port in the bottom of the fluid reservoir. At the same time place the weighted end of the flush tool line into a suitable drain bucket (min. size 15L). Start engine and let it run at idle. In the Star Diagnosis System select “Actuations/Actuate front and rear suspension struts alternately (pitching).” As the suspension is raised and lowered the old fluid will be pumped out through the tool and into the drain bucket. Monitor the ABC reservoir fluid level during this process, keeping it full to avoid sucking air into the system; do this by pouring fluid around the flush tool into the reservoir. Let system run and flush until approx. 10L of fresh fluid has run through the system.
5. When flush is complete:
  - Stop “pitching” activation
  - Turn off engine
  - Remove flush tool from reservoir
  - Install new ABC Filter on reservoir cap
  - Reinstall reservoir cap
  - Set vehicle ride height in Star Diagnostic System
  - Correct fluid level in reservoir
  - Disconnect Star Diagnosis System
  - ABC Fluid Service is Complete