

# GENERAL INFORMATION

## Traction Control, 4WD & AWD Identification & Disable Procedures (Cont.)

- Please see **Attachment 2** (below) for a list of vehicles with "Dyno-Mode" capability and the activation procedure.

According to US Environmental Protection Agency (EPA) procedures, if an emissions inspector has difficulty performing the I/M 240 test on a 2-wheel dynamometer, the following should be considered:

- Test the vehicle on a 4-wheel dynamometer, or
- Perform an optional emission test at idle +2500 rpm

An emissions inspector should also consider the options above if they are uncertain about the Dyno-Mode activation procedure or is uncertain about which vehicles can operate on a 2-wheel dynamometer.

### ATTACHMENT 1: VEHICLES THAT MUST BE TESTED ON A 4-WHEEL DYNAMOMETER

Model Year	Model	2-Wheel Dyno Acceptable	4-Wheel Dyno Required
1989	All	All	-
1990	E-Class (124) S-Class (126) SL-Class (129) 190E (201)	All 2WD All	w/4MATIC
1991	190E (201) E-Class (124) S-Class (126) SL-Class (129)	All 2WD w/o ASR	All w/ASR, w/4MATIC
1992	E-Class (124), SL-Class (129) S-Class (140), 190E (201)	All 2WD w/o ASR -	All w/ASR, 400E, w/4MATIC All
1993-1999	All	-	All
2000 -> On	All	<sup>1</sup> <b>2WD w/ Dyno-Mode Capability</b>	2WD w/o Dyno-Mode Capability, All w/4MATIC

<sup>1</sup> – Dyno-Mode is to be used (if available) for all testing. If Dyno-Mode is not available, a 4-Wheel Dynamometer is required.

Please refer to the Vehicles Operator's Manual for details regarding ASR and 4MATIC.

### ATTACHMENT 2: DYNOMODE ACTIVATION PROCEDURE FOR OPERATION OF A 2WD VEHICLE ON A 2-WHEEL DYNAMOMETER

**NOTE: If unable to activate Dyno-Mode, please consider testing the vehicle on a 4-Wheel Dynamometer**

Model Year	Model (2WD only)	Procedure
2001-07	C-Class (203)	<b>1)</b> Ignition key on (position 1).
2003-09	E-Class (211)	<b>2)</b> The display unit on <b>mileage/travel</b> (daily mileage counter and trip odometer).
2003-09	CLK-Class (209)	<b>3)</b> Push reset-button <b>R</b> , 3 times quickly to display the workshop menu.
2006-11	CLS-Class (219)	<b>4)</b> Use the down arrow button to select <b>Dynamometer Test</b> (Rollsmode).
2000-06	S-Class (220)	<b>5)</b> Push the <b>+</b> button on the steering wheel to activate Rollsmode. Rollsmode stays on after every ignition event and is shown by the Info lamp with text information.
2000-06	CL-Class (215)	<b>6)</b> To deactivate Rollsmode, turn the Ignition key on (position 1) and use the <b>down arrow</b> button to select <b>Dynamometer Test</b> , then push the minus (-) button on the steering wheel.
2005-11	SLK-Class (171)	
2003-11	SL-Class (230)	
2011-12	F-Cell (245)	
2009-11	M-Class (164)	
2004-12	Maybach (240)	
2008->	C-Class (204)	<b>With phone buttons:</b>
2010->	GLK-Class (204)	<b>1)</b> Ignition key on (position 1) with driver door closed.
2010->	E-Class (207/212)	<b>2)</b> The display unit on <b>mileage/travel</b> (daily mileage counter and trip odometer).
2007->	S-Class (221)	<b>3)</b> Push and hold the <b>phone pick-up</b> button (or <b>hang-up</b> button, depending on model) then within 1 sec. push
2007->	CL-Class (216)	and hold the <b>OK</b> button on the steering wheel for about 3 sec. until the workshop menu appears.
2012->	CLS-Class (218)	<b>4)</b> Use the <b>down arrow</b> button to select <b>Dynamometer Test</b> (Rollsmode) and press OK.
2012->	SLK-Class (172)	<b>5)</b> Use the <b>OK</b> button to enable Rollsmode. Rollsmode stays on after every ignition event and is shown by the Info lamp with text information.
2008-09	R-Class (251)	<b>6)</b> To deactivate Rollsmode, turn the ignition key on (position 1), use the <b>OK</b> button to select Rollsmode <b>off when ignition off.</b>
		<b>Without phone buttons:</b>
		<b>1)</b> (see above)
		<b>2)</b> (see above)
		<b>3)</b> Push and hold the <b>+</b> button and within 1 sec. push and hold the reset-button <b>R</b> for about 5 seconds until the workshop menu appears.
		<b>4)</b> Push the <b>left upper menu</b> button on the steering wheel until Rollsmode appears.
		<b>5)</b> Activate or deactivate Rollsmode using the <b>R</b> button.
2007->	smart (451)	<b>1)</b> Push and hold both buttons on the instrument panel then turn the ignition key on (position 1) and continue to hold both buttons for about 7 sec.
		<b>2)</b> Start the engine. Rollsmode is activated when the ABS, BRAKE and ESP (Traction) warning lamps are illuminated. Rollsmode is deactivated when the ignition key and engine is shut off.