



Driving dynamics control (FDC)

The driving dynamics control (FDC) function is fitted as standard in connection with the SMG transmission. In all other transmission systems, it is fitted in connection with the sports package.

The FDC function changes overall vehicle characteristics to a more sports-oriented drive. The following systems are influenced:

Control unit	FDC effect
DME/DDE	The response characteristic of the engine to the accelerator pedal module is more progressive.
EGS	Higher gearshift speeds and a more sports-oriented characteristic are realized in the automatic transmissions.
SMG	The shift procedure and shift time are shortened. Higher gearshift speeds and a more sports-oriented characteristic are realized in the automatic mode.
FGR	Cruise control accelerates faster.
Servotronic	More sports-oriented characteristic.
AFS	Standard characteristic gearshift, no 2nd characteristic.

The FDC button is located in the centre console next to the gearshift or selector lever and is identified by the lettering "SPORT."

"SPORT" appears in the LC display in the instrument cluster when the FDC function is active.

Things you will need :-

- 51167059900 Shift Bezel with mounting hole for the Sport Button
- 61316922799 Sport button
- 61138380696 4 pol socket contact
- 3 x bushing contacts
- 3 x pin contacts

You will need to dismantle the dashboard for this, remove the long I-strip with the vents across the center under the two screw holding the AC panel disconnect and remove, undo the screws holding the CCC/M-ask in place and withdraw from the cradle then disconnect the plugs, remove the cover panel holding the switch center and disconnect the plugs.

The right hand plug on the switch center is the one we need. Carefully remove the plug from its housing then insert three bushing contacts in pins 8,10 and9. Fit the three pin contacts into the socket housing at 1,2 and 3.

- Pins 1 - 9 Button LED
- Pins 2 - 10 Button ground
- Pins 3 - 8 Button live

yes no pin and/or wire on pin #8, #9 & #10 which are in use on this mod ... what you need to do is momentarily short pin #8 & #10 together to activate it ... you don't want to grounding pin #9 (or in contact w/ pin #10) since it's the positive line of the LED

- #1 - #9 (LED)
- #2 - #10 (Ground)
- #3 - #8 (signal)

No coding necessary.

When active this will give you heavier more direct steering and higher shift points for the auto gear box.

Display of Diagrams filtered
CK70130 NE52 5' E60 SALOON 525i N52 ECE R N 2006/04: 61_1720 VARIOUS SWITCHES

Yes	No	??	Code	Description
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	S205A	AUTOMATIC TRANSMISSION
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	S302A	ALARM SYSTEM
<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	S316A	AUTOMATIC TRUNK LID MECHANISM
<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	S633A	PREPARATION, MOBILE PHONE, BUSINESS
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	S638A	CAR TELEPHONE PROFESSIONAL
<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	S646A	PREPARATION F TELEPH INSTALLATION JAPAN
<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	L807A	NATIONAL VERSION JAPAN

Nr	Description	Supplement	Me	Von	Bis	Kat	Ge	Le	Part Number	AE	R	ZI
05	REAR HEATABLE SEAT SWITCH		2						61 31 6 988 957			
07	TRUNK UNLOCKING SWITCH		1	09/05					61 31 6 921 846			
FOR VEHICLES WITH												
AUTOMATIC TRANSMISSION		S205A = YES										
08	SWITCH FDC		1						61 31 6 922 799			

Right, so out with the dash lol



Pins 1 - 9 Button LED
Pins 2 - 10 Button ground
Pins 3 - 8 Button live