

**CENTER, ELECTRONIC VEHICLE INFORMATION > DESCRIPTION AND OPERATION >
DESCRIPTION AND OPERATION > DESCRIPTION**

Two Instrument Panel Cluster (IPC) trim levels can be installed on the car.

Fig 1: 3.5" Electronic Vehicle Information Center

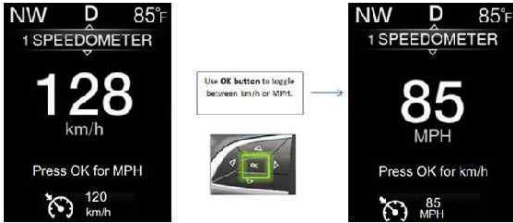


Courtesy of CHRYSLER GROUP, LLC

3.5" Electronic Vehicle Information Center (EVIC)

The display is designed using the TFT (Thin Film Transistor) technology and is positioned in the center of the instrument panel. To access the EVIC menu use the EVIC control switch on the left steering wheel spoke.

Examples of the possible menus within 3.5" EVIC are shown below:

Menu	Submenu	Illustration
Digital speed	MPH or KM/H	
Vehicle Information	Tire pressure	
Vehicle Information	Water temperature	

Vehicle Information	Fluid Temperature	 The screen displays vehicle information including 18 AVG MPG, gear D, and direction NW. The main gauge is for Oil Temperature, showing 130°F on a scale from C to H. Below the gauge is the text 'Oil Temp' and the odometer reading '123456 MI'.
Vehicle Information	Battery Voltage	 The screen displays vehicle information including 18 AVG MPG, gear D, and direction NW. The main gauge is for Battery Voltage, showing 14 on a scale from 10 to 18. Below the gauge is the text 'Battery Voltage' and the odometer reading '123456 MI'.
Vehicle Information	Service	 The screen displays service intervals: '1000 km' and '30 days'. At the bottom, the word 'Service' is displayed.

Trip A	Distance Average speed Time elapsed	 A screenshot of a vehicle's trip meter display. At the top, it shows '7 Trip'. Below this, it displays 'Dist mi: 3457', 'Avg mpg: 25.0', and 'Time: 11:28:07'. A prompt 'Hold OK to Reset' is shown, followed by 'Trip A' and a total mileage of '123456 mi'.
Trip B	Distance Average speed Time elapsed	 A screenshot of a vehicle's trip meter display. At the top, it shows '7 Trip'. Below this, it displays 'Dist mi: 1258', 'Avg mpg: 23.0', and 'Time: 09:21:03'. A prompt 'Hold OK to Reset' is shown, followed by 'Trip B' and a total mileage of '123456 mi'.
Fuel Economy	Instant consumption Average consumption Mileage from refueling	 A screenshot of a vehicle's fuel economy display. At the top, it shows 'NW D 85°F'. Below this, it displays '4 Fuel Economy'. A 'Range : 20 MI' is shown. A 'Current MPG' gauge is displayed with a scale from 0 to 30 and a needle pointing to 18. Below the gauge, it shows 'Avg : 18 MPG'. A prompt 'Hold OK to Reset' is shown, followed by a total mileage of '123456 mi'.

Drive assist	LDW function display	
Audio	Source currently used	
Stored messages	Example: Low fuel level	
Navigation	Direction display	
Screen set-up	Available when the vehicle is not moving. Allows you to change the position of some values on the EVIC.	

Fig 2: 7" Drive Information Display



Courtesy of CHRYSLER GROUP, LLC

7" DID (Drive Information Display)

The vehicle can be equipped with a 7" display, made with Liquid Crystal Display (LCD) technology. The display offers a clear, full-color image and perfectly integrates with the analogue instruments of the instrument panel. The DID allows a wide range of settings.

Examples of menu available in the Europe-Middle East-Africa (EMEA) market with 7" DID screen is shown below:

Menu	Submenu	Illustration
------	---------	--------------

Digital speed	MPH or KM/H	 2 SPEEDOMETER 56 MPH 123456 MI
Vehicle information	Tire pressure	 3 VEHICLE INFO 32 32 32 32 Tire Pressure 123456 MI
Vehicle information	Water temperature	 3 VEHICLE INFO C H 135°F Coolant Temp 123456 MI
Vehicle information	Transmission fluid temperature	 3 VEHICLE INFO C H 135°F Trans Temp 123456 MI
Vehicle information	Fluid temperature	 3 VEHICLE INFO C H 135°F Oil Temp 123456 MI

Vehicle information	Battery voltage	
Vehicle information	Service	
Driver assist	Display of the active functions	
Fuel Economy	Instant consumption Average consumption Mileage from refuelling	
Trip A	Distance Average speed Time elapsed	

Trip B	Distance Average speed Time elapsed	
Stop/Start	if present - EMEA	
Audio	Source currently used	
Navigation and phone	Message reception	
Stored messages	Example: "Oil change request"	

Screen set-up	Available when the vehicle is not moving.	
Vehicle settings	Available in the menu	

The display options of the EVIC can be navigated and selected using the EVIC control switches located on the left steering wheel spoke. For more information refer to the vehicle's owner manual.

The EVIC electronic display unit is integral to the IPC unit. If the EVIC is damaged or ineffective, the entire IPC unit must be replaced. Refer to REMOVAL AND INSTALLATION .

CENTER, ELECTRONIC VEHICLE INFORMATION > DIAGNOSIS AND TESTING > DIAGNOSIS AND TESTING - ELECTRONIC VEHICLE INFORMATION CENTER

The Electronic Vehicle Information Center (EVIC) data is obtained from several components on the Controller Area Network (CAN) Data Bus circuit. The EVIC will not function properly if the bus messages from any of these components is not received. If no EVIC data is displayed, check the CAN Data Bus circuit communications, the Instrument Panel Cluster (IPC) functions and the Body Control Module (BCM).

The use of a scan tool and the proper diagnostic procedures information are recommended for further testing of the EVIC and the CAN Data Bus circuit. For complete circuit schematic or connector pin-out information, **refer to appropriate SYSTEM WIRING DIAGRAMS article** .

CENTER, ELECTRONIC VEHICLE INFORMATION > STANDARD PROCEDURE > RESET OIL CHANGE INDICATOR

After performing the needed maintenance, reset the **Oil Change Required** indicator using the following procedure:

1. Turn the ignition switch to the ON position, but do not start the engine.
2. For EMEA vehicles only, depress and hold the brake pedal while performing the next step.
3. Fully depress and release the accelerator pedal slowly, three times, within 10 seconds on NAFTA vehicle and within 30 seconds on EMEA vehicles.
4. Turn the ignition switch to the OFF/LOCK position.
5. For EMEA vehicles only, release the brake pedal.



NOTE:

If the Oil Change Required indicator message illuminates when you start the engine, the indicator did not reset. If necessary, repeat this procedure.

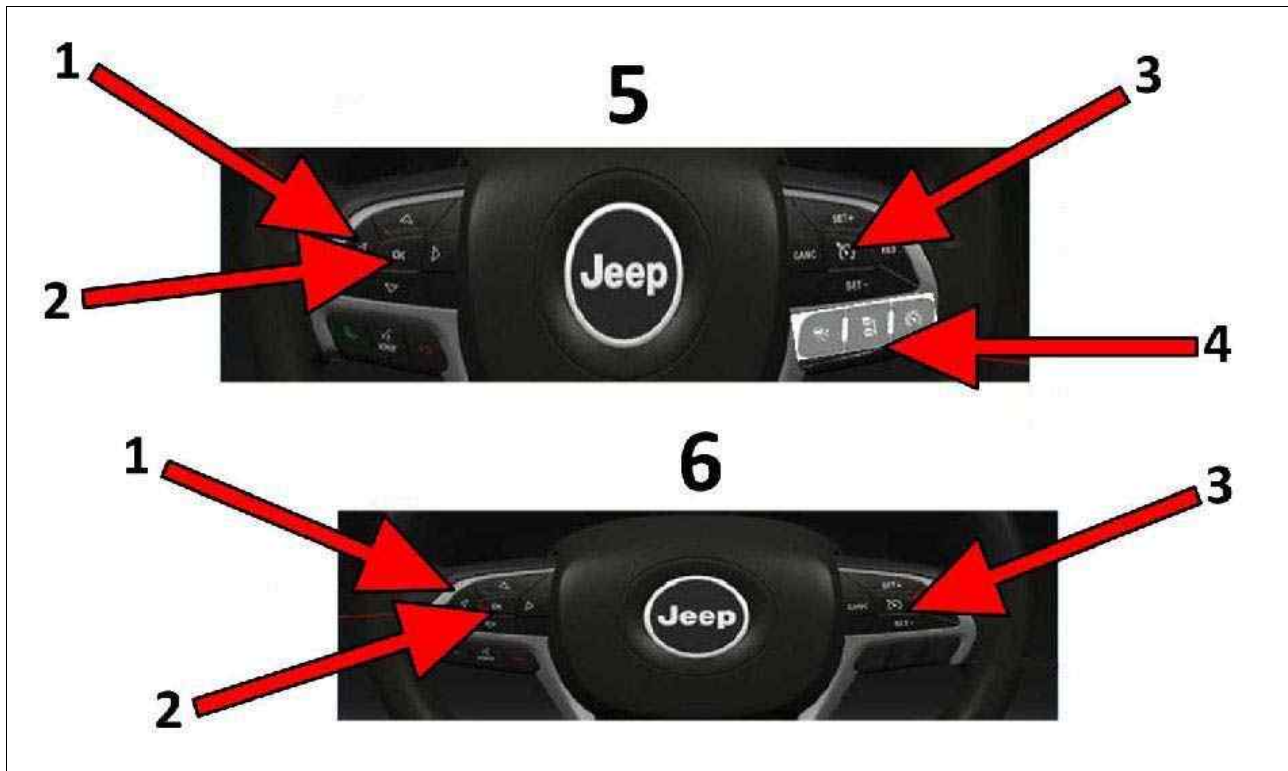
SWITCH, EVIC CONTROL > DESCRIPTION AND OPERATION > DESCRIPTION AND OPERATION > DESCRIPTION

The Electronic Vehicle Information Center (EVIC) steering wheel EVIC control switch sends the commands to the Body Control Module (BCM) via the Local Interface Network (LIN) line. The BCM translates the controls requested by the driver and sends them via Control Area Network (CAN) to the Instrument Panel Cluster (IPC) module, to access menus and submenus.

Other display activation requests can come from other systems, to warn the driver when the corresponding system activates; for instance:

- Park Assist function
- Seat Belt Reminder
- Assisted parking

Fig 1: Steering Wheel EVIC Control Switches



Courtesy of CHRYSLER GROUP, LLC



NOTE:

Key:

1. Movements in the menu
2. Selection confirmation button
3. Cruise control buttons
4. Speed limiter and ACC
5. EMEA version
6. NAFTA version

The EVIC control switch cannot be adjusted or repaired. If any function of the switch is ineffective or damaged, the entire switch unit must be replaced.