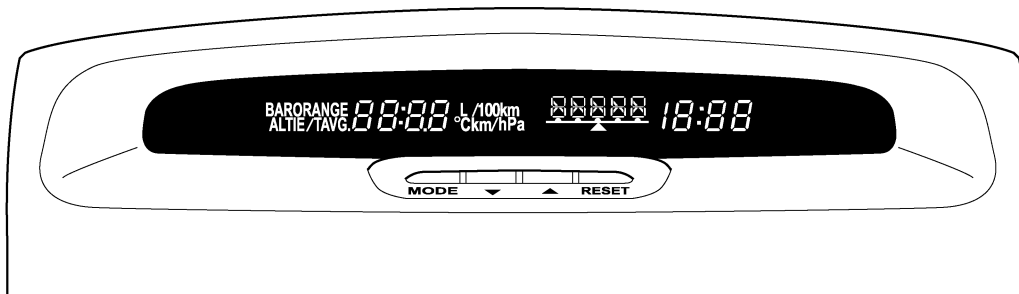


■ MULTI-INFORMATION DISPLAY

1. General

- A multi-information display is available as optional equipment. However, if a vehicle is provided with an accessory meter as optional equipment, it cannot have a multi-information display.
- Unlike the multi-information display in the accessory meter, the multi-information display does not have the function to display information through the use of a bar or line graph. However, the basic functions of these two types of multi-information displays are the same.

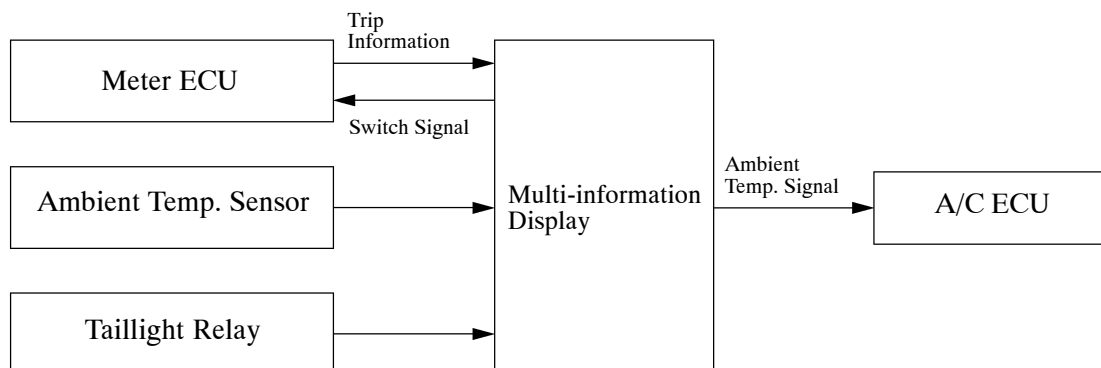


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Service Tip

Altimeter sometimes does not show the expected or correct value and might differ a lot from the actual altitude during driving and after engine starting up. The reason why such difference is made is that the displayed altitude is a calculated value that is achieved by converting the actual atmospheric pressure inside the vehicle (which is read by the atmospheric sensor). In addition, value is corrected in relation to the temperature that sensed around the pressure sensor and its characteristics (tolerance). However, if the altitude becomes different than the actual, it can be adjusted by operating the RESET button that is located in front of the multi-information display.

2. System Diagram



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3. Function of Main Components

Display Portion

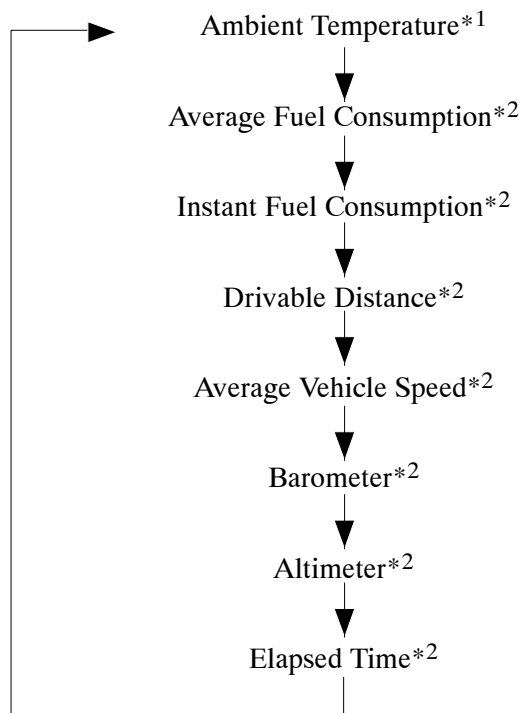
The accessory meter provides the 10 functions listed below. Excluding the clock and compass display, the remaining 8 functions can be selected and displayed in the multi-information display by operating the switch.

Item		Outline
Clock Display		Clock Display
Compass Display		Uses an earth magnetism sensor to detect the azimuth of the vehicle's current direction of travel and displays it in a meter that contains 8 azimuth angles. In addition, this meter has a function to correct the azimuth errors caused by the magnetism of the vehicle.
Multi-Information Display	Ambient Temperature	Displays ambient temperature in accordance with the ambient temperature sensor signal.
	Average Fuel Consumption	<ul style="list-style-type: none"> Displays the value that has been calculated by the meter ECU, which is based on the driven distance and the fuel consumption volume (fuel injection signal from No. 1 injector [gasoline engine model] or engine ECU [diesel engine model]). The display updates every 10 seconds.
	Instant Fuel Consumption	<ul style="list-style-type: none"> Displays the value that has been calculated by the meter ECU, which is based on the driven distance and the fuel consumption volume (fuel injection signal from No. 1 injector [gasoline engine model] or engine ECU [diesel engine model]). The display updates every 2 seconds.
	Drivable Distance	Displays the value that has been calculated by the meter ECU, which is based on the fuel consumption data that the meter ECU continuously monitors and stores in its memory and the residual fuel volume data, provided that the ignition switch is turned ON.
	Average Vehicle Speed	<ul style="list-style-type: none"> Displays the value that has been calculated by the meter ECU, which is based on the elapsed time and driven distance after the ignition switch has been turned ON or the RESET button has been pressed 0.8 seconds or longer. The display updates every 10 seconds.
	Barometer	<ul style="list-style-type: none"> Displays the barometric pressure that is detected by the barometric sensor, which is integrated in the multi-information display. The display of the current barometric pressure updates every 2 seconds. The display of the current barometric pressure updates every 2 seconds.
	Altimeter	<ul style="list-style-type: none"> The multi-information display assumes that the atmospheric pressure at 0 meters above sea level is approximately 1,013 hPa. It calculates and displays the present altitude from the difference between the sea level value and the atmospheric pressure value that is measured by the barometric sensor. The display of the current altitude updates every 2 seconds.
	Elapsed Time	<ul style="list-style-type: none"> Displays the length of time that has elapsed from the time the ignition switch has been turned ON after the battery terminals have been connected or the RESET switch has been pressed for a long time (0.8 seconds or longer). The display updates every minute.

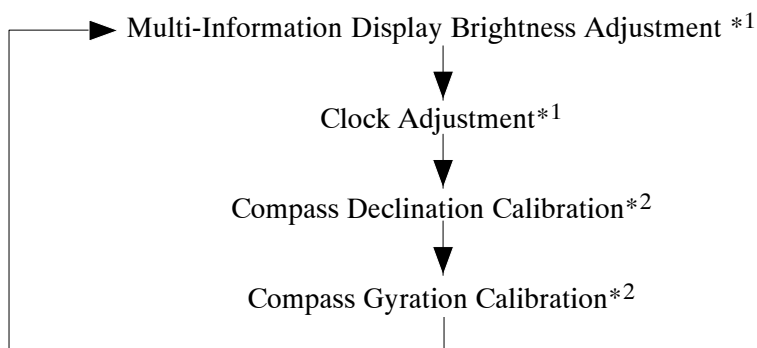
Switch

- The contents of a multi-information display can be changed by pressing a MODE switch while the ignition switch is ON.
- With the ignition switch turned to ON or ACC, press the MODE switch for 1.7 seconds or longer to display the adjustment and calibration functions of the multi-information display.

► Sequence for Switching the Contents of a Multi-Information Display ◀



► Sequence for Switching the Calibration and Adjustment Functions of the Multi-Information Display ◀



*1: Ignition Switch ON or ACC

*2: Ignition Switch ON only