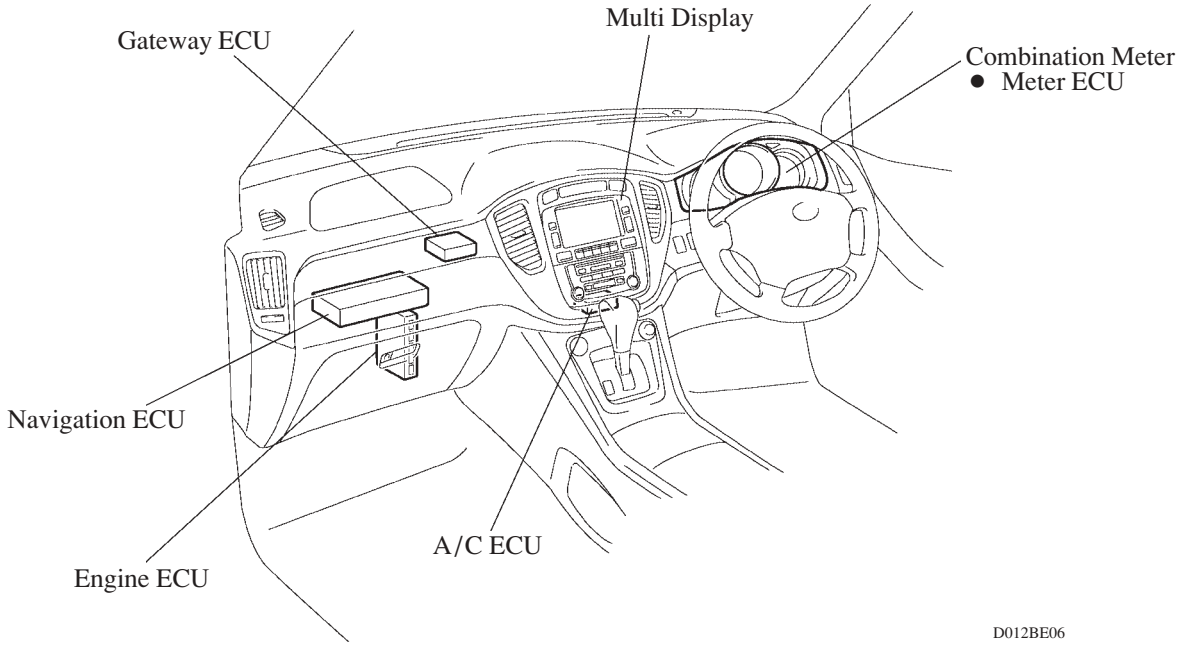
■LAYOUT OF MAIN COMPONENTS



■CONSTRUCTION AND OPERATION

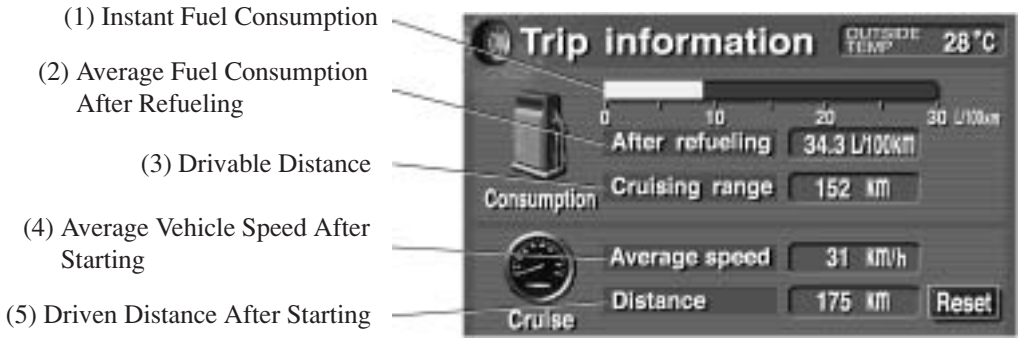
1. General

Items listed below are the main functions of the multi display.

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Function	Outline
Audio Screen Display	● Status of audio equipment and audio operation screen indication ● Sound quality adjustment screen indication
On-screen Display	● Display the operating condition of the air conditioner. ● Display the outside temperature. ● The operation and control of the air conditioner system can be effected through the use of the automatic air conditioner display of the multi display and the touch switch that appears on the display.
Adjustment Screen Display	Image quality adjustment screen indication
Trip Information	● Instant Fuel Consumption ● Average Fuel Consumption After Refueling ● Drivable Distance ● Average Vehicle Speed After Starting ● Driven Distance After Starting
Navigation Screen Display	● Enlargement/reduction, rotation and movement of map ● Indication of current position and direction of travel ● Correction of current position ● Setting change and indication of route ● Voice guidance There are many additional functions.
Diagnosis Screen Display	● Service Check Menu ● Display Check ● Navigation Check

2. Trip Information Display



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Item		Outline
(1)	Instant Fuel Consumption	● 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), provided that the ignition switch is turned ON. ● The display updates every 2 seconds.
(2)	Average Fuel Consumption After Refueling	● Displays the value that has been calculated by the meter ECU, which is based on the driven distance after refueling and the fuel consumption volume (fuel injection signal from No. 1 injector). ● The meter ECU determines that the vehicle has been refueled in accordance with the signal from the fuel sender gauge. ● The display updates every 10 seconds.
(3)	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. ● The display updates every kilometer.
(4)	Average Vehicle Speed After Starting	● Displays the value that has been calculated by the meter ECU, which is based on driven distance after the ignition switch has been turned ON or the RESET button has been pressed for 0.8 seconds or longer. ● The display updates every 10 seconds.
(5)	Driven Distance After Starting	● Displays the driven distance that is output by the meter ECU after the ignition switch has been turned ON or the RESET button has been pressed for 0.8 seconds or longer. ● The display updates every kilometer.

3. Navigation Screen Display

Based on the map data on the DVD, signals from the GPS satellites, signals from the built-in gyro sensor, and signals from the vehicle's speed sensor, the vehicle's present position, direction of travel, and driven distance are calculated and displayed on the navigation display. This screen has the display functions listed below.

Item		Function
Map Display	Linear Touch Scroll	Enables smooth scrolling by connecting the touch points on the screen.
	On-route Scroll	Scrolls the center of the cursor forward and reverse constantly along the route.
	Heading Up	Displays the map so that the direction of the route progression head up during route guidance.
	Map Color Change	Depending on the position of the headlight switch, the screen changes to the day mode or night mode.
	Front Wide	Displays a map in the direction of travel of the vehicle in an enlarged form. (Heading up only)
	Multi-step Scale Display	Changes and displays the map scale in 13 stages.
	Step-less Scale Display	Changes the map scale to the desired scale without the basic 13 steps.
	Direct Scale Change	Directly selects and displays the map scale.
	Split-view Display	Displays different modes on a screen that is split into two views.
	Points-of-interest Display	Displays selected types of marks on the map.
	Road Number Sign Board Display	Displays the road number on the map.
	Compass Mode Screen	Displays the direction of travel and detailed data of the present location.
	Map Coverage Info Screen	Displays the map area that is recorded on DVD.
	Street name indication on scrolled map	Displays the street name and the city name even when the map screen is being scrolled.
Destination Search	Last Destination Memory	Stores 20 locations of coordinates, names and times that have been set as destinations in the past.
	Hybrid Points-of-interest Search	Narrows the search by names of the points-of-interest, category, and areas.
	Points-of-interest Pinpoint Display	Pinpoints and displays the position of the point-of-interest.
	House Number Search	Searches for a house number.
	Special Memory Point	Sets a pre-registered point as a destination point while driving.
	Nearest Point-of-interest Search List Display	Searches nearest points-of-interest and displays a list.
	Intersection Search	By specifying two streets, the point at which they intersect is set as the destination point.
	Emergency Search	Performs a specific search for hospitals, police stations and dealers.
	Motorway Entrance/ Exit Search	Searches for the destination by the name of the street that connects to a motorway entrance/exit.
	Coordinate Search	User can input destination like a oasis in the desert etc.

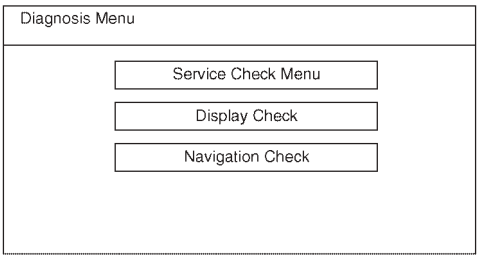
(Continued)

Item		Function
Route Search	Multiple Destination Setting	Sets multiple destinations. It can also rearrange the sequence of the destinations.
	Route Search	Searches for multiple routes.
	Search Condition Designation	Searches for the recommended, shortest, and other routes.
	Regulated Road Consideration	Performs search while considering regulated roads.
	Avoidance Area	Avoids a designated area and searches a route.
Guidance	Destination Direction Arrow Display	Uses arrows along the road to display the direction of the destination during route guidance.
	Off-Route Arrow Display	Uses arrows to display the direction of the destination during off-route.
	Rotary Guidance	Guidance that renders the entry and exit into a rotary as a single branching point.
	Right or Left Turn Guidance	Voice guidance to instruct the direction of travel to be taken.
	Motorway Direction of Travel Guidance	Voice guidance to instruct the direction of travel to take on the motorway.
	Distance Display Destination	Displays the distance from the present location to the destination.
	Motorway Branch Type Specimen Guidance	Type specimen for guidance to a motorway branch.
	Intersection Map Display	Intersection map appears when approaching an intersection.
	Turn List Display	Displays a turn list on the right side of the two-screen display.
	Calendar	Anniversary or appointment dates can be input and displayed.

4. Diagnosis Screen Display

The navigation system is equipped with a self-diagnosis function and can display the diagnosis menus shown on the right.
The diagnosis menu contains the following three items

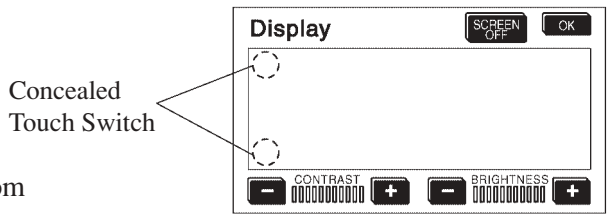
a) Service Check Menu
b) Display Check
c) Navigation Check



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Service Tip

The diagnosis menu screen can be displayed according to the procedure given below.
1) Vehicle speed should be 0 km/h (0 mph).
2) Apply the parking brake.
3) Turn the ignition switch to ACC or ON.
4) Push the DISPLAY button.
5) Activate the screen adjustment screen.
6) Alternately touch the upper and lower bottom parts of the left end of the screen 3 times.



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For details, refer to the Kluger Repair Manual (Pub. No. RM1087E).