



PANORAMIC VIEW MONITOR (PVM)

OWNERS MANUAL



Please read this manual for proper operation and keep it for future reference.



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PANORAMIC VIEW MONITOR (HILUX)

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Please read this manual for proper operation and keep it for future reference.



SECTION 1.0

Statements & Declarations

1.1 Safety Instructions

Warning

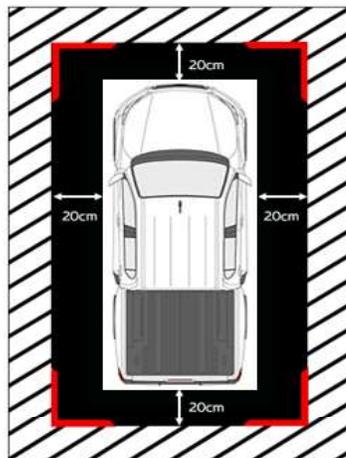
Read, follow, and retain all of the following safety precautions. Heed all warnings before operating the Panoramic View Monitor.

Cautions

1. Several precautions are to be taken while using the PVM :
 - a. PVM function automatically disables when vehicle speed exceeds 18 km/h.
 - b. Using the PVM mode does not alter the responsibilities of the driver's behaviour. These responsibilities include observing all the traffic rules and regulations to avoid accidents to prevent accidents, personal injuries or property damages.

2. Blind Spot

The cameras that are mounted at the Front, Right, Left and Rear of the vehicle are only able to view objects from a proximate distance of 20cm away from the vehicle.



LEGEND	
	Blind spot area
	Visible area



SECTION 2.0

Getting Started

2.1 Product Overview

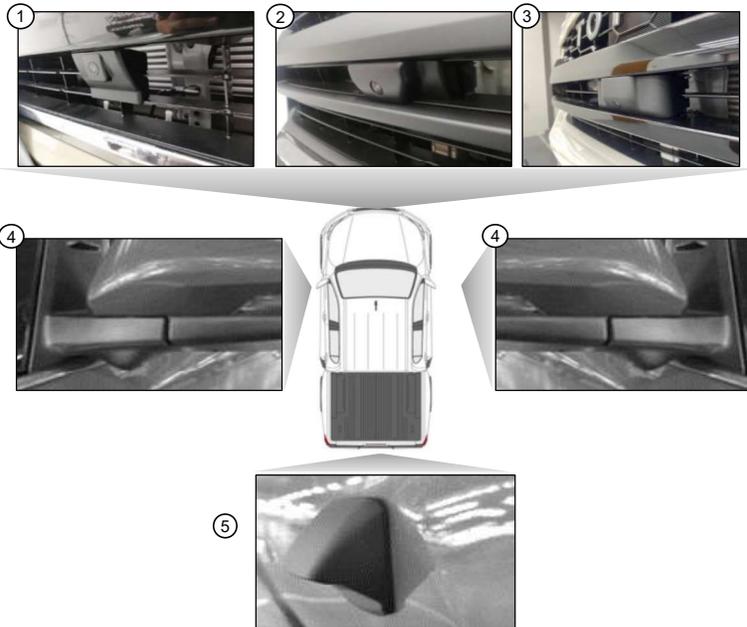


Figure 2.1

- ① **Front Camera Hilux 2.4**
 - Front camera located at Front Grille (Hilux 2.4 variant only)
- ② **Front Camera Hilux 2.8**
 - Front camera located at Front Grille (Hilux 2.8 variant only)
- ③ **Front Camera Hilux GR-S 2.8**
 - Front camera located at Front Grille (Hilux GR-S 2.8 variant only)
- ④ **Right and Left Camera Hilux**
 - Right / Left Camera located under the respective side mirrors
- ⑤ **Rear Camera Hilux**
 - Rear camera located under the trunk



SECTION 3.0

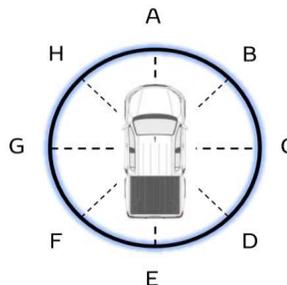
Operating PVM

3.1 Gear : Engaged to Parking (P) / Neutral (N) / Drive (D)

1. Press the PVM icon located on the right side of the head unit home screen to activate its function.



2. User can view vehicle surroundings from 8 different perspective as follows:
 - i. 2D model + 3D model 360°.
 - ii. 2D model + 3D model (from angle A).
 - iii. Front View Full Screen.
 - iv. 2D model + 3D model (from angle B).
 - v. 2D model + 3D model (from angle D).
 - vi. 2D model + 3D model (from angle F).
 - vii. 2D model + 3D model (from angle H).
 - viii. Rear View Full Screen.



3. Press the "Home" button  located on the Head Display Unit to exit PVM mode manually.

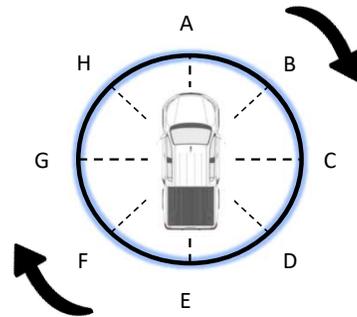
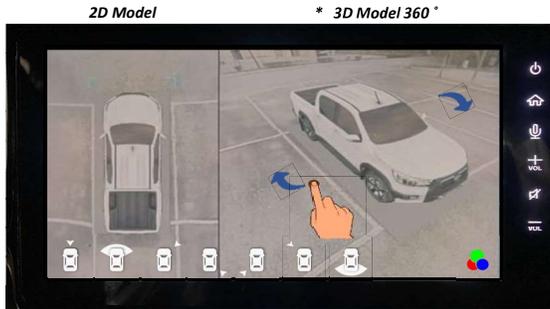


SECTION 3.0

Operating PVM

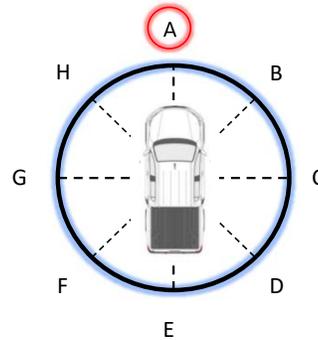
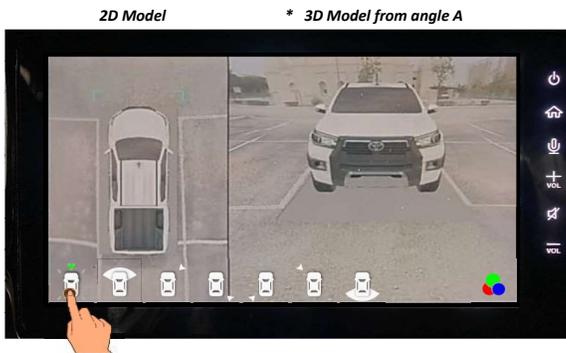
3.1.1 2D model + 3D model 360° view

Swiping the finger across the screen as shown below allows user to rotate the view around the vehicle.



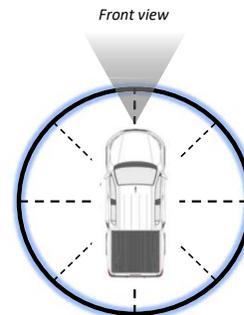
3.1.2 2D model + 3D model from angle A

To activate this view, tap on the  icon on screen.



3.1.3 Front View Full Screen

To activate this view, tap on the  icon on screen.



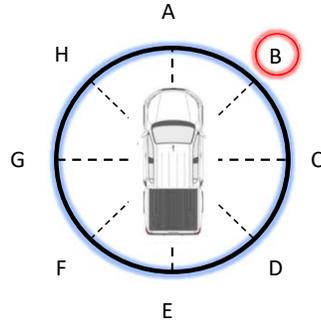
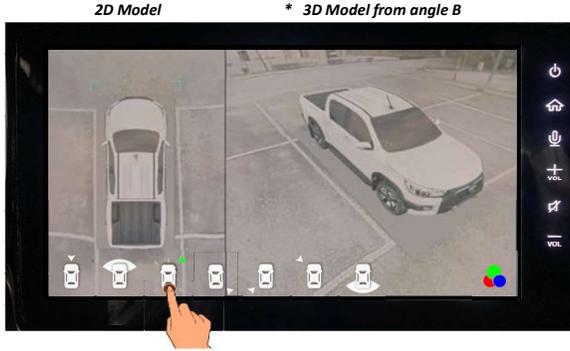


SECTION 3.0

Operating PVM

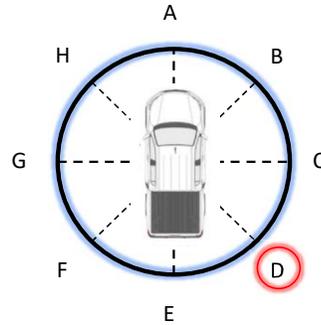
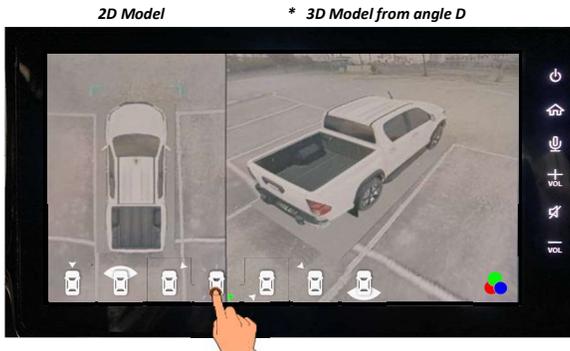
3.1.4 2D model + 3D model from angle B

To activate this view, tap on the  icon on screen.



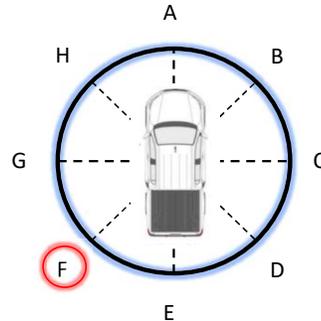
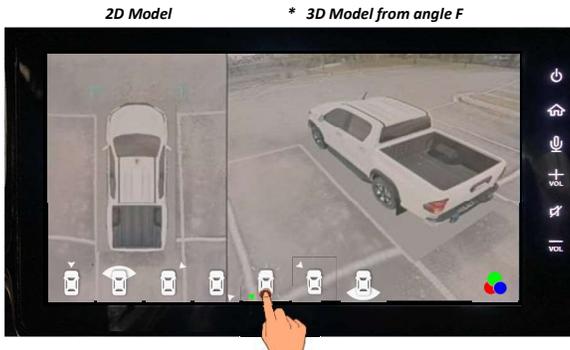
3.1.5 2D model + 3D model from angle D

To activate this view, tap on the  icon on screen.



3.1.6 2D model + 3D model from angle F

To activate this view, tap on the  icon on screen.



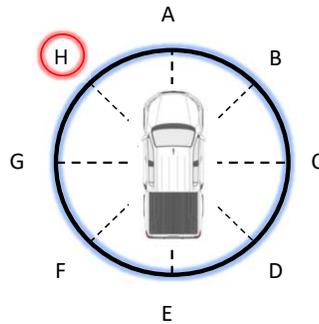
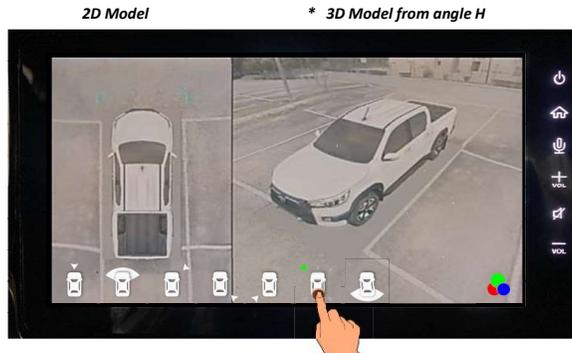


SECTION 3.0

Operating PVM

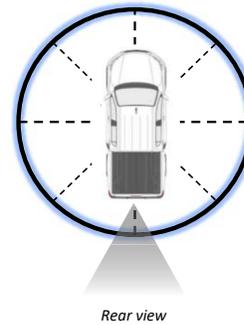
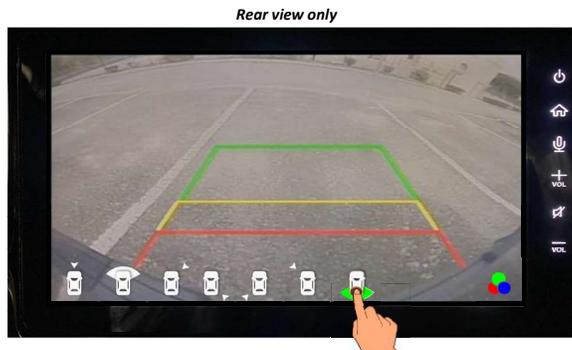
3.1.7 2D model + 3D model from angle H

To activate this view, tap on the  icon on screen.



3.1.8 Rear View Full Screen

To activate this view, tap on the  icon on screen.





SECTION 3.0

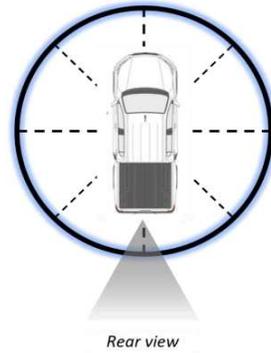
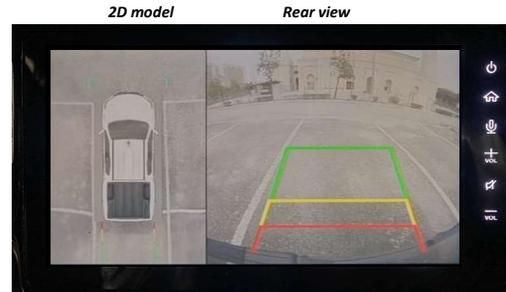
Operating PVM

3.2 Gear : Reverse (R)

When gear is engaged to Reverse (R), the screen on Head Display Unit will switch to PVM mode automatically.



PVM activates upon engaging reverse gear





SECTION 3.0

Operating PVM

3.3 Colour Selection

To change colour of vehicle model to a more preferred colour, tap the  icon.

