



# PANORAMIC VIEW MONITOR (PVM)

## OWNERS MANUAL



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



# TABLE OF CONTENTS

## PANORAMIC VIEW MONITOR (HILUX)

Section	Title	Page
<b>1.0</b>	<b>Statements &amp; Declarations</b>	
1.1	Safety Instructions	1
<b>2.0</b>	<b>Getting Started</b>	
2.1	Product Overview	2
<b>3.0</b>	<b>Operating Panoramic View Monitor</b>	
3.1	Gear : Engaged to Parking (P) / Neutral (N) / Drive (D)	3
3.1.1	2D model + 3D model 360°.	4
3.1.2	2D model + 3D model ( <i>from angle B</i> ).	4
3.1.3	2D model + 3D model ( <i>from angle D</i> ).	4
3.1.4	2D model + 3D model ( <i>from angle F</i> ).	5
3.1.5	2D model + 3D model ( <i>from angle H</i> ).	5
3.1.6	2D model + 3D model ( <i>from angle A</i> ).	5
3.1.7	Front view full screen.	6
3.1.8	Rear view full screen.	6
3.2	Gear : Reverse (R )	7
3.2.1	2D model + Rear view.	7
3.2.2	Rear View Full Screen	8
3.2.3	2D model + 3D model <i>from view E</i> .	8

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



# SECTION 1.0

## Statements & Declarations

### 1.1 Safety Instructions

#### Warning

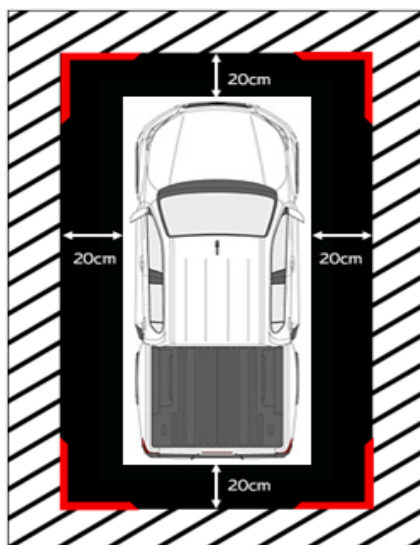
Read, follow, and retain all of the following safety precautions. Heed all warnings before operating the Panoramic View Monitor.



#### Cautions

1. Several precautions are to be taken while using the PVM :
  - a. PVM function automatically disables when vehicle speed exceeds 12 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

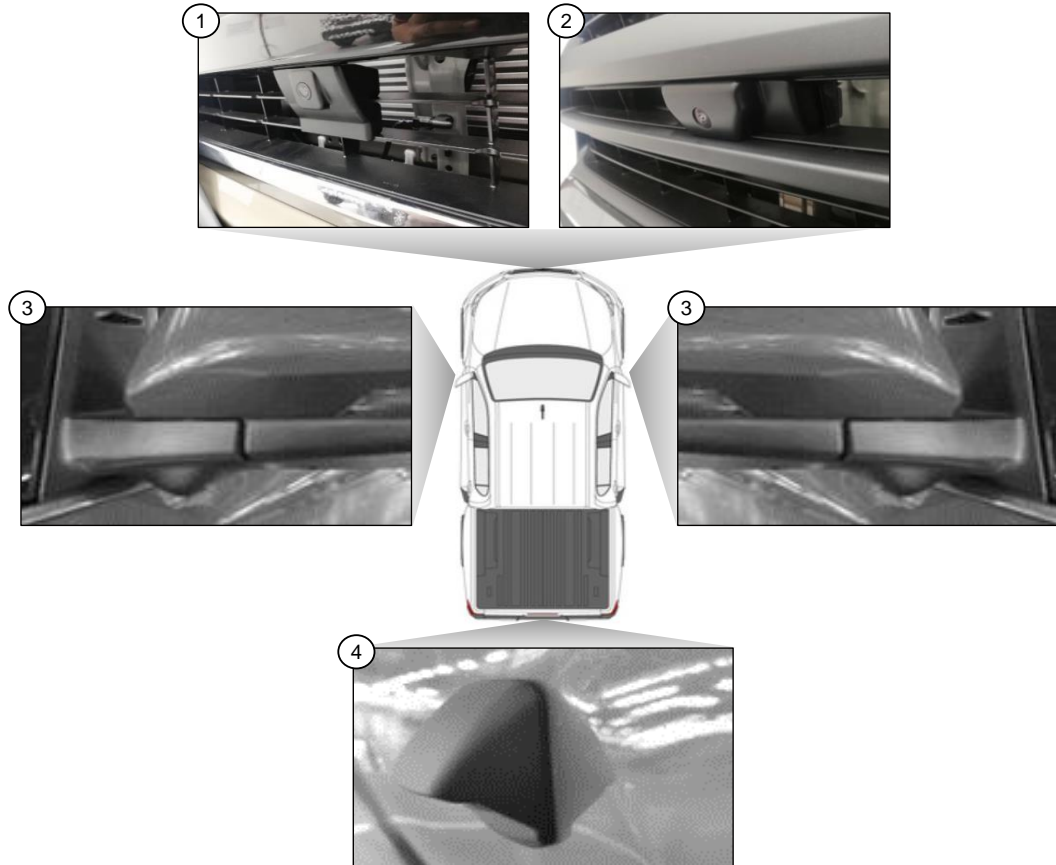


Figure 2.1

- 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 **Right and Left Camera Hilux**
  - Right / Left Camera located under the respective side mirrors
- ④ **Rear Camera Hilux**
  - Rear camera located under the trunk



## SECTION 3.0

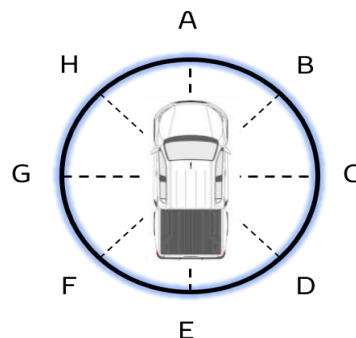
### Operating PVM

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

1. Hold the PVM button for 3 seconds until green light appears. This means that PVM has been activated manually.



2. User can switch between 8 views (in order) upon manual activation of PVM:
  - i. 2D model + 3D model 360°.
  - ii. 2D model + 3D model (*from angle B*).
  - iii. 2D model + 3D model (*from angle D*).
  - iv. 2D model + 3D model (*from angle F*).
  - v. 2D model + 3D model (*from angle H*).
  - vi. 2D model + 3D model (*from angle A*).
  - vii. Front view full screen.
  - viii. Rear view full screen.



3. Press and hold PVM button for 3 seconds to exit PVM mode manually.

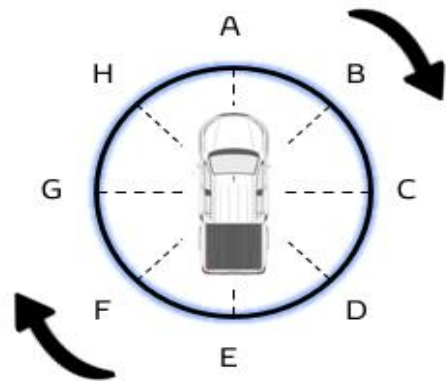


# SECTION 3.0

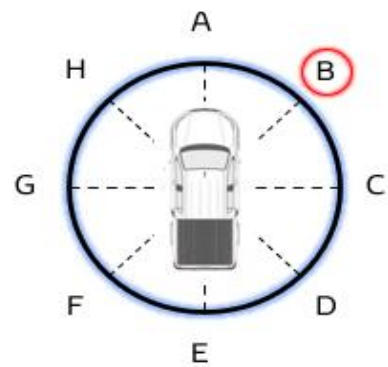
## Operating PVM

### 3.1.1 2D model + 3D model 360° view

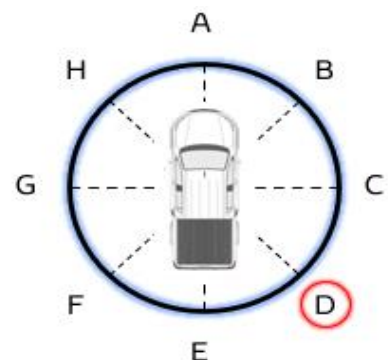
3D model will rotate for 1 cycle clockwise automatically in a duration of 10 seconds upon manual activation of PVM



### 3.1.2 2D model + 3D model from angle B



### 3.1.3 2D model + 3D model from angle D

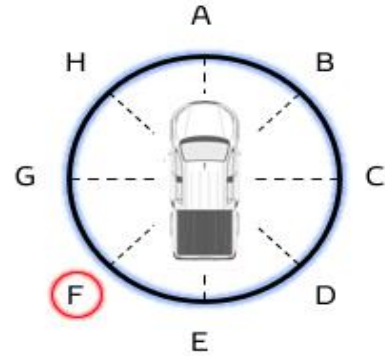




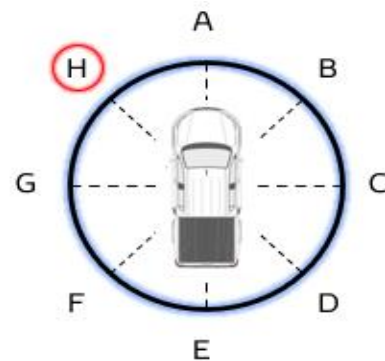
# SECTION 3.0

## Operating PVM

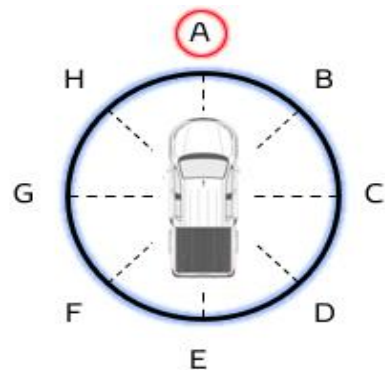
### 3.1.4 2D model + 3D model from angle F



### 3.1.5 2D model + 3D model from angle H



### 3.1.6 2D model + 3D model from angle A

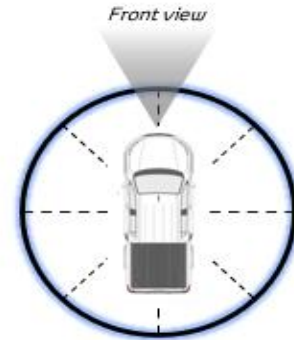




# SECTION 3.0

## Operating PVM

### 3.1.7 Front View Full Screen



### 3.1.8 Rear View Full Screen







## SECTION 3.0

### Operating PVM

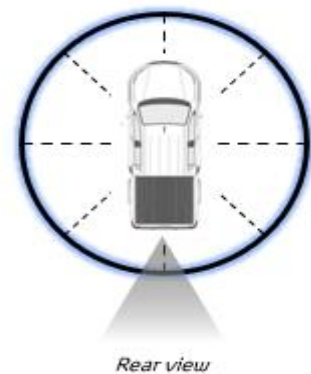
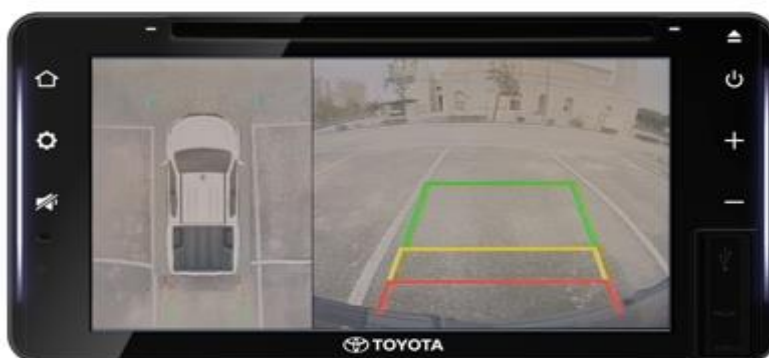
#### 3.2 Gear : Reverse (R)

1. When gear is engaged to Reverse (R), the screen on head display unit will switch to PVM mode automatically.



2. User can switch between 3 views when gear is engaged to Reverse R).
  - i. 2D model + Rear view.
  - ii. Rear View Full Screen
  - iii. 2D model + 3D model *from view E*.

#### 3.2.1 2D model + Rear view





# SECTION 3.0

## Operating PVM

### 3.2.2 Rear View Full Screen



### 3.2.3 2D model + 3D model from view E

