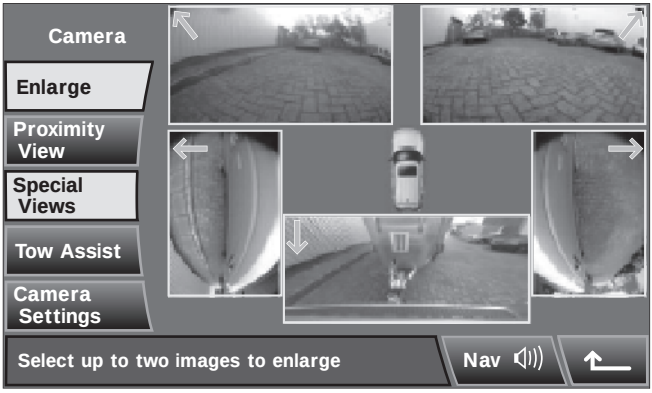
SURROUND CAMERA SYSTEM



LAN2035

WARNINGS

It remains the driver's responsibility to detect obstacles and estimate the vehicle's distance from them when reversing. Some overhanging objects or barriers, which could possibly cause damage to the vehicle, may not be detected by the camera.

Always be vigilant when reversing.

The surround camera system provides a view of the area surrounding the vehicle using five discretely placed cameras, to assist in manoeuvring the vehicle.

With the ignition on and either Park or Neutral selected, the screen will display images of the area immediately surrounding the vehicle to assist in manoeuvring the vehicle.

Automatic operation

When Drive or Reverse are selected the relevant camera view will be selected for the direction of movement.

Once the vehicle speed exceeds 18 km/h (11 mph) the camera screen will disappear.

Note: *The camera view will be disabled for the rest of that ignition cycle. To use the camera view again it will need to be selected manually.*

Manual operation

The camera home page is accessed using the **Cameras** icon on the navigation home screen

The camera views can be selected whilst the vehicle is stationary with Park or Neutral selected. They can also be selected whilst the vehicle speed is below 18 km/h (11 mph).

Selecting views

Displayed on the home page are real-time images from each of the five cameras fitted to the vehicle. Any two of the images can be selected and enlarged to view side-by-side on the screen, by highlighting the image then pressing the **Enlarge** icon.

When viewing any two images, any single image can then be selected to view as a full screen image which can be zoomed into, and panned around using the magnifier and arrow icons.

Manual proximity view



LAN2445

Selecting proximity view from the camera home screen will display a combination of three images from the front and passenger side cameras. These views give the driver an enhanced view of the area forward and opposite the driver.

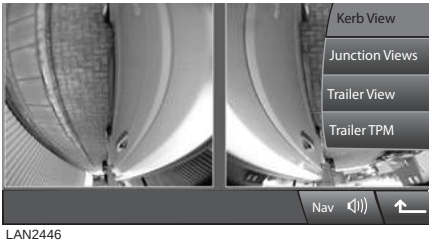
Automatic proximity view

Dependent on specification, the system may become active when the ignition is switched on. With the ignition and/or the engine running and either Park or Neutral selected, the touch screen will display images of the area immediately surrounding the vehicle.

When Drive or Reverse are selected, the relevant camera view will be selected for the direction of travel. Once the vehicle speed exceeds 18 km/h (11 mph) or the return icon is pressed, the camera screen will disappear.

Note: *The Proximity View will be disabled for the rest of that ignition cycle. to use the screen again, press the* ***Proximity View*** *on the Cameras home page.*

Special views



LAN2446

A selection of pre-set views can be displayed by selecting **Special Views**. These have been provided to assist with difficult manoeuvres. These are:

- Kerb view, shows views from the two front cameras;
- Junction view, shows views from the two side cameras;
- Trailer view, shows the rear camera view;
- Trailer tyre pressure monitoring.

Reversing



AN2447

When Reverse is selected, the touch screen automatically displays the view from the rear of the vehicle.

Overlaid on the rear view image are coloured lines representing the perimeter of the vehicle, the predicted path of the vehicle (based on the position of the steering wheel) and the distance information from the Parking Aid system.

Note: *A return icon is displayed in the bottom right hand corner to take the driver back to the previously viewed screen.*

Tow assist

The Tow Assist feature simplifies the process of reversing a trailer by displaying colour lines to indicate the direction the trailer will take based on real-time steering wheel angle and the angular relationship of the trailer to the vehicle.

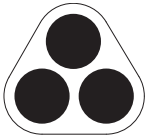
The system detects when a plug is attached to the vehicle trailer electrics socket and prompts the driver if a trailer has been connected; selecting No returns the driver to the previously displayed screen, selecting Yes takes the driver to the setup screen.

Note: *If the trailer electrics are not detected by the vehicle, the system can be manually initiated by pressing the* ***Tow Assist*** *icon on the Camera home page.*

Trailer setup

Upon the first use, the Trailer Setup screens take the driver through a series of configuration options for the trailer connected. Information such as trailer length, number of axles and camera preference are required to set up a new trailer.

Once completed, the details of the new trailer are stored in the system for future use.



LAN2473

Note: *The Trailer Assist feature requires the connected trailer to have a tracking target sticker attached to it within a specific location.*

Tow assist operation

Once a new trailer has been configured, or an existing trailer has been selected, the Tow Assist feature will be automatically displayed when Reverse is selected.

The Tow Assist image displays coloured graphical lines showing the predicted path of both the vehicle and the trailer. Positioning the lines for the trailer in the required direction will result in the trailer following the predicted path.

Settings

Dependent upon specification, the vehicle may feature a **Camera Settings** icon. Pressing the **Camera settings** icon on the Cameras home page brings up the option to deactivate the Semi-Automatic Proximity View function. When using this setting, the Proximity View is only accessible by manual activation using the Proximity view icon on the cameras home page.

Options

Hitch Guidance

The Hitch Guidance feature displays an additional colour image representing the path of the vehicle towball based on the steering wheel position. this enables the driver to reverse up to the trailer accurately.

Auto-towball zoom

The Auto-towball zoom feature automatically zooms into the tow ball area when the trailer is detected near the vehicle. This allows the driver to see a larger image of the area close to the rear of the vehicle during the final stages of reversing upto a trailer.

Camera cleanliness

The camera system constantly monitors the cleanliness of the cameras and will alert the driver if the level of dirt on any camera exceeds a predetermined level by changing the colour of the camera position arrow from blue to red.