360 Degree View Camera Alignment

NOTE: *On vehicles equipped with Trailer Reverse Guidance (TRG), complete this procedure and also perform the Trailer Reverse Guidance camera alignment.*

NOTE: *Damage to or misalignment of any of the cameras or the body panels they are mounted to, can affect the camera alignment.*

1. Prior to beginning this procedure, perform the following:
    1. Verify the exterior rear view mirrors to make sure they are in a normal driving position.
    2. Verify suspension is in a normal driving mode, if equipped with adjustable suspension.
    3. Verify that all doors, deck lid, liftgate, and tailgate are closed.
    4. Using a scan tool, retrieve and if necessary, repair any parking aid camera DTC .
    5. Clean the camera lenses. Inspect all cameras (except center high-mounted stoplamp camera and trailer camera, if equipped), the associated mounting hardware and body components for damage.

2. Environmental conditions that may affect the procedure:
    1. Perform procedure in daylight.
    2. Perform procedure when visibility is clear with high contrast scenes that are not disturbed by strong rainfall or snow.
    3. Recommend driving on normal asphalt or concrete surface.
    4. Avoid road surfaces that have a smooth and uniform appearance (e.g. snow blanketed roadway).

3. Using a scan tool, carry out the 360 degree view camera alignment procedure.
    1. Refer to the wiring diagram to identify the camera controlling module.
       Refer to Wiring Diagrams Cell 145 for schematic and connector information.

    2. Select the controlling module on the diagnostic scan tool screen.
    3. Select the alignment procedure.
    4. Follow the on-screen instructions.

4. After the procedure is successful, verify the quality of the 360 degree view camera on the display.
    1. Drive to a parking lot and stop vehicle over straight parking designation lines.
    2. Activate the 360 degree view camera system.
    3. Drive slowly over the parking designation lines while watching the corners of the 360 image for stitching quality. Lines should look continuous.