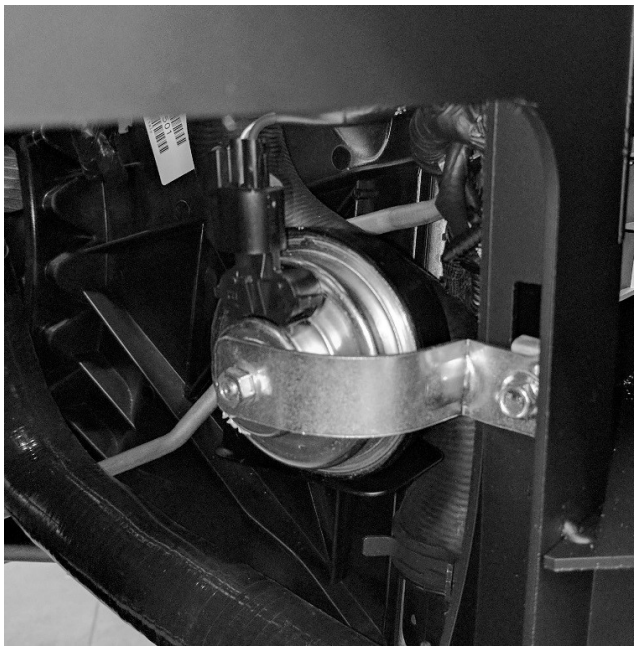
• Body Systems

• Horn

• Description and Operation

The vehicle horn is a sound making device used by the vehicle operator to warn others of the vehicles approach. The horn system is made of two components the Horn located under the vehicle hood and the switch on the steering wheel

• Horn Replacement



Horn Replacement

Callout	Component Name
1	Horn Electrical Harness
2	Horn Bracket Bolt **Tighten** 22 Nm (16 lb. ft.)
3	Horn to Bracket Bolt **Tighten** 22 Nm (16 lb. ft.)

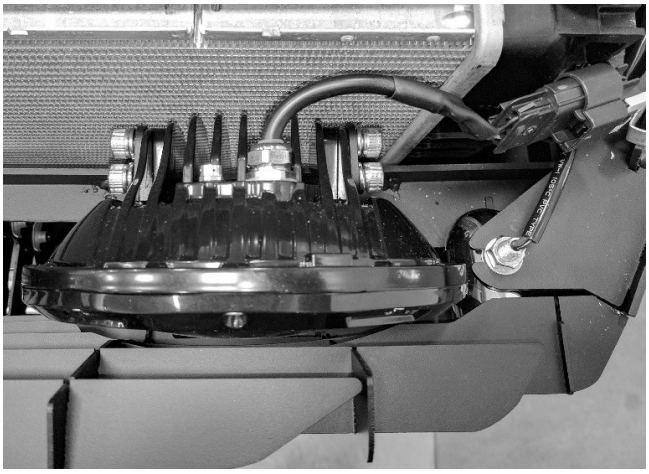
• Lighting

• Description and Operation

The vehicle lighting system on the Vanderhall Laguna utilizes LEDs these bulbs not only allow for signaling and increased visibility, but are very durable and will provide 100,000 hours of continues operation.

- **Repair instructions**

- **Headlight Replacement**



Headlight Replacement

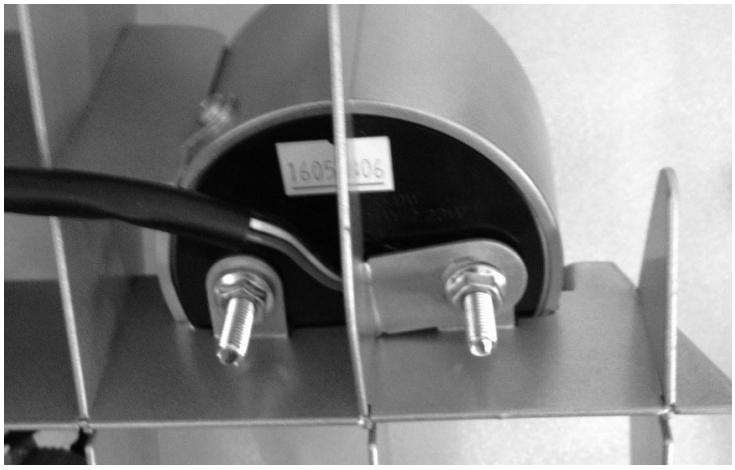
Callout	Component Name
Preliminary Procedures • Remove Hood, See Hood Removal	
1	Headlight
2	Headlight bolts **Tighten** 7 Nm (60 in lb.) Adjustment **Note:** ensure the vehicle is on a level surface with respect to the target Place a target 3 m (10 ft) from the head light adjust vertical angle of the headlight until the center of the beam is 42cm (16.5 in) from the ground
3	Headlight Electrical Harness

- **Front Turn Signals Replacement**

Front Turn Signal Replacement

Callout	Component Name
Preliminary Procedures • Remove Hood, See Hood Removal	
1	Turn Signal
2	Front Turn Signal Nut **Tighten** 7 Nm (60 in lb.)

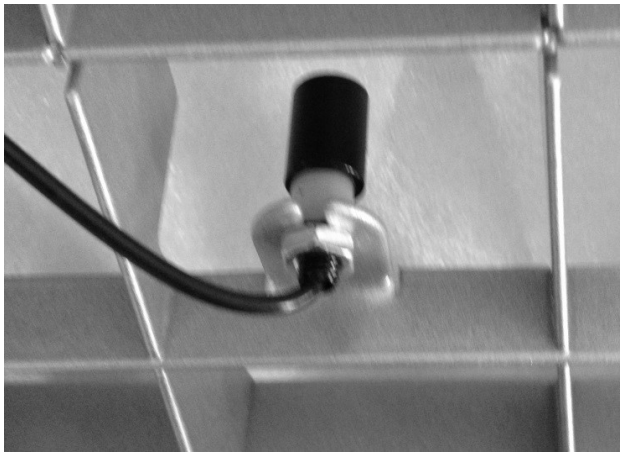
- **Tail Lights Replacement**



Tail Light Replacement

Callout	Component Name
Preliminary Procedures • Remove Upper Rear Grill, Refer to Upper Rear Grill	
1	Third Brake Light Nuts **Tighten** 7 Nm (60 in lb.)

- **License Plate Light**



License Plate Light Nut

Callout	Component Name
Preliminary Procedures • Remove Left Upper Rear Grill, Refer to Upper Rear Grill	
1	License Plate Light Nut **Tighten** 7 Nm (60 in lb.)

- **Emergency Flasher (Hazard) And Traction Control Button support**

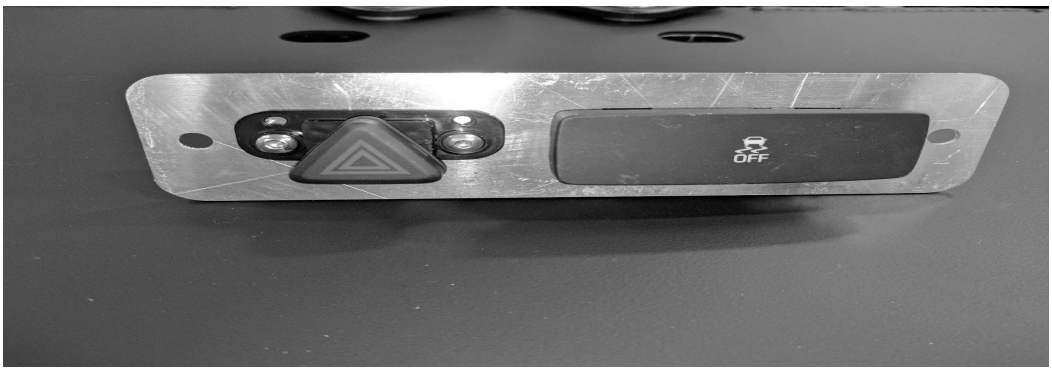
Front Face

Back Face

Callout	Component Name

Preliminary Procedures • Remove the Hood, Refer to Hood • Remove the Cowl, Refer to Cowl	
1	Emergency Flasher (Hazard Button)
2	Traction Control Button
3	Emergency Flasher (Hazard) And Traction Control Button Support Nut and Bolt Qty: 2 **Tighten:** 3.5 Nm (30 in lb.)
4	Spacers Qty: 2
5	Emergency Flasher (Hazard) And Traction Control Button support

- **Emergency Flasher (Hazard) Button Replacement**



Emergency Flasher (Hazard) Button Replacement

Callout	Component Name
Preliminary Procedures • Remove the Emergency Flasher (Hazard) And Traction Control Button support	
1	Emergency Flasher (Hazard) Button screws (Qty: 2) **Tighten**: 3.5 Nm (30 in lb.)

- **4.4 Mirrors**

- **Description and Operation**

The Mirrors allow the vehicle operator to see behind the vehicle. Allowing for a safer operation of the vehicle

- **Repair instructions**
- **Mirror Replacement**

Mirror Replacement

Callout	Component Name
1	Mirror
2	Mirror Nut **Tighten** 7 Nm (60 in lb.)