1-1. Hybrid system

p41

- **When stopped/during start off**
  - When shift position is in N, the hybrid battery (traction battery) will not be charged. Thus, shift to P when the vehicle is stopped. In addition, when driving in heavy traffic, use D or B.

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- **Regenerative braking**
  - In the following situations, kinetic energy is converted to electric energy and deceleration force can be obtained in conjunction with the recharging of the hybrid battery (traction battery).
  - The accelerator pedal is released while driving with the shift position in D or B.
  - The brake pedal is depressed while driving with the shift position in D or B.

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- **Charging the hybrid battery (traction battery)**
  - If the shift position is in N, the hybrid battery (traction battery) will not be charged. Always shift the shift position in P when the vehicle is stopped. When driving in heavy traffic, operate the vehicle with the shift position in D or B to avoid discharging the hybrid battery (traction battery).

2-1. Driving procedures

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- **Driving**
  - With the brake pedal depressed, shift the shift position to D.
  - Release the parking brake.
  - Gradually release the brake pedal and gently depress the accelerator pedal to accelerate the vehicle.
- **Stopping**
  - With the shift position in D, depress the brake pedal.
  - If necessary, set the parking brake. When the vehicle will be stopped for an extended period of time, shift the shift position to P.
- **Parking the vehicle**
  - Stop the vehicle completely.
  - Set the parking brake.
  - Shift the shift position to P.
  - Press the “POWER” switch to stop the hybrid system.
  - Slowly release the brake pedal.

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- **Starting off on a uphill**
  - Firmly set the parking brake with the brake pedal depressed, and then shift the shift position to D.
  - Release the brake pedal and gently depress the accelerator pedal.
  - Release the parking brake.

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- **For efficient use**
  - Avoid repeated acceleration. Repeated acceleration consumes hybrid battery (traction battery) power, resulting in poor acceleration. Battery power can be restored by driving with the accelerator pedal slightly released.
  - Shift the shift position to P when parking.

p200

- Use engine braking (shift position B instead of shift position D) to maintain a safe speed when driving down a steep hill. Using the brakes continuously may cause the brakes to overheat and lose effectiveness.

p202

- **When the vehicle is stopped**
    - If the vehicle is stopped on an incline, in order to prevent accidents caused by the vehicle rolling forward or backward, always depress the brake pedal and securely apply the parking brake as needed.

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- **When the vehicle is parked**
    - Make sure to firmly apply the parking brake and shift the shift position to P.

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- **Starting the hybrid system**
    - Check that the parking brake is set.
    - Firmly depress the brake pedal.
    - Press the “POWER” switch (Continue depressing the brake pedal until the hybrid system is completely started).
    - Check that the “READY” indicator is on.
- **Stopping the hybrid system**
    - Stop the vehicle completely.
    - Set the parking brake.
    - Shift the shift position to P.
    - Press the “POWER” switch.
    - Slowly release the brake pedal and check that the indicator on the “POWER” switch is off.

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- **When shifting the shift position to P**
    - Fully stop the vehicle and set the parking brake, and then press the P position switch.

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- **About engine braking**
    - When shift position B is selected, releasing the accelerator pedal will apply engine braking.
    - If the vehicle is driven continuously in the B position, fuel efficiency will become low. Usually, shift the shift position to D.

2-4. Using other driving systems

p318/319

- **Hill-start assist control**
    - Hill-start assist control helps to prevent the vehicle from rolling backwards when starting on an incline or slippery slope.
    - To engage hill-start assist control, further depress the brake pedal when the vehicle is stopped completely.
    - A buzzer will sound once to indicate the system is activated. The slip indicator will also start flashing.
- The system operates in the following situations:
    - The shift position is in a position other than P.

    - The parking brake is not applied.
    - The accelerator pedal is not depressed.
- Hill-start assist control operates for about 2 seconds after the brake pedal is released.