LFS 2016 Toyota Prius Hybrid (Automatic) – Quick Guide

This guide provides an overview of the operational requirements for the 2016 Toyota Prius Hybrid car (2 wheel drive (2WD], Automatic). Remember, when operating this vehicle, **you are representing the university**:

- **Drive safely, responsibly, and courteously** at all times.
- **Follow all traffic laws**, avoid aggressive driving, and prioritize the safety of passengers, pedestrians, and other road users.
- Treat the vehicle with care and ensure it is used in a manner that reflects professionalism and respect for university standards.

1. Before You Go

- **Starting the Prius:** With the key fob present and the brake pedal depressed, press the **Power (⏻)** button. Since it is a hybrid, the gasoline engine may not engage off the start.
- **Seat Positioning:** Push down or pull up to adjust the height of the seat, use the front bar to move closer or further from the steering wheel.
- **Five-Passenger Limit:** While five can fit in this vehicle, the middle seat is not very comfortable longer journeys.
- **Cabin Controls:** Climate and audio controls are centralized on the console; use the steering wheel-mounted buttons to navigate menus without diverting eyes from the road.
- **Visibility:**
    - **Backup Camera:** This vehicle is equipped with a rear-view camera that activates automatically in Reverse. Use this as a secondary aid to verify the path is clear of pedestrians or equipment, while maintaining primary focus on the side mirrors.
    - **Split Rear Window:** The rear hatch features a horizontal bar that splits the view. Be aware of this blind spot when monitoring following traffic through the rearview mirror.
- **Headlights**: Twist the knob at the end of the turn signal lever on the left side of the steering wheel to select your desired setting. You can set it to AUTO to let the car turn the lights on and off based on outside brightness, or twist it forward past the parking light icon to the headlight symbol to turn them on manually.
- **Parking Brake:** Brake is located in the far left of the driver's footwell. Depress the pedal firmly with your left foot until you hear a series of clicks. It will stay in the "down" position. **To Release:** Apply your right foot to the primary brake pedal (to prevent the car from rolling), then depress the parking brake pedal again with your left foot. It will click once and spring back up to its original position.
- **Shifting:** To select a gear, move the lever to the left and then either up for Reverse (R) or down for Drive (D).
- **Fueling Requirements:** The CR-V Hybrid requires at least **87 Octane (Regular)** gasoline. The fuel filler is a capless system located on the driver-side rear; simply insert the nozzle directly into the inlet. Follow the fueling document in the glove compartment.

- **Park (P) Mode:** Unlike traditional vehicles, "Park" is engaged by pressing the separate "P" button located above the shift lever. Always verify the "P" indicator is lit on the dash **(P) in red**, before exiting.
- **Turning off the Prius:** Once the car is in park (P) and the parking brake is engaged, press the Power (⏻) button to turn the car off.
- **Locking and Unlocking:** You can use the controls on the fob to lock and unlock the Prius.

3. Connecting your Phone

- **Connect Your Phone:** connect to the vehicle entertainment system using Bluetooth or via USB cable to get directions played through the sound system, listen to music, and accept calls hands free:
    - On the touchscreen, select **Bluetooth**.
    - Select **Add** then ‘yes’.
    - Open your phone's **Settings** and navigate to **Bluetooth**.
    - Ensure Bluetooth is toggled **ON**.
    - Search for available devices and select **"Toyota Prius"** once it appears.
    - Select ‘OK’ on the touchscreen.
    - Your phone may prompt you to "Allow Contacts and Favourites Sync." Select **Allow** to enable the steering wheel controls to browse your directory.

4. Efficiency Modes

The Prius manages power between an electric motor and a gasoline engine. Handling is prioritized for efficiency rather than performance.

- **Regenerative Braking:** The initial travel of the brake pedal engages the electric motors to slow the vehicle and recharge the battery. For maximum efficiency, use long, steady braking rather than short, hard stops.
- **Drive Modes:**
    - **Normal Mode:** Default driving mode for normal use. t
    - **EV Mode:** Strictly electric for low-speed, short-distance maneuvers (e.g., parking garages).
    - **ECO Mode:** Dampens throttle response to maximize fuel economy; ideal for campus transit.
    - **PWR Mode:** Increases throttle sensitivity for merging onto high-speed roadways.
- **Ground Clearance:** The Prius has a low front air dam. Approach campus gutters, steep driveways, and speed humps at a reduced speed to avoid underbody contact.
- **Engine Braking (B):** The "B" position is used for regenerative engine braking. Apply this when descending long or steep grades to assist in speed control and to prevent brake pads from overheating. Do not use "B" for standard driving, as it reduces fuel efficiency.

5. University Administrative Protocols

- **Usage Logs:** Ensure you fill out the vehicle mileage form after every use of the vehicle and report any issues with the vehicle via the form or when returning your keys. Taking a photo of the mileage before and after is a good way to help remember your mileage.
- **Fueling Requirements:** Use **87 Octane (Regular)** gasoline. The fuel door release is located on the floor to the left of the driver's seat.Please follow the guide for fueling up, located in the glove compartment.
- **Cargo Management:** Before departing, verify that all items in the truck bed are secured with straps or netting. Loose debris must be cleared to prevent road hazards and liability issues.