



WORKSHEET 4-2

Inclination Sensor Reset

Vehicle	Year/Prod. Date	Engine	Transmission
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Worksheet Objectives

In this worksheet you will reset the Inclination Sensor. This procedure can be useful in solving a customer concern about improper fuel reading.

Tools and Equipment

- Vehicle
- Repair Manual

Section 1: Inclination Sensor Reset

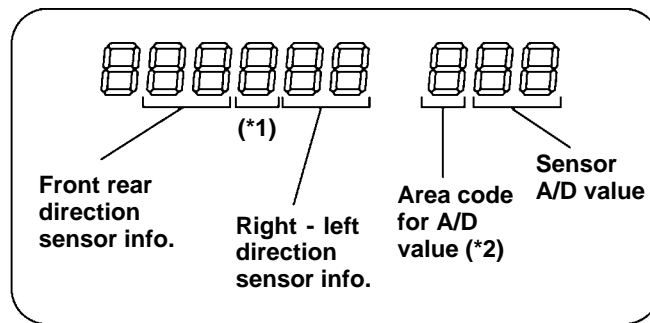
Note: Be sure vehicle is on a level surface before resetting the Inclination Sensor.

1. Reset the Inclination Sensor when replacing a Combination Meter or responding to a customer concern about improper fuel reading or repeatedly running out of gas. Please refer to the BE section of the Repair Manual for complete reset procedures.
2. Answer the questions on the following page while doing the procedures below.
3. **On the '04 and later Prius:**
 - With the trip meter set to Trip A, depress and hold the Trip button while pressing the power button twice. (Do not put your foot on the brake.)
 - Push the trip switch two times within five seconds.
 - Push and hold the trip switch for five seconds or more then release.
 - Check that the inclination sensor information is displayed in the dash.
 - Push and hold the trip switch for five seconds or more to update the centered value.
 - When value is displayed for five seconds, the third digit will indicate the status. The value of 1 indicates a successful reset.
4. **On the '01-'03 Prius:**
 - Depress and hold the Trip button while turning the ignition key to the ON position.
 - Release and press the Trip button three more times within five seconds: Release-Press-Release-Press-Release-Press and Hold.

- Continue holding the Trip button for at least five seconds, then release.
- Check that the inclination sensor information is displayed in the dash.

(*) Current result display mode

- 0: Input state
 1: Input state complete
 2: E2ROM error
 3: Speed input during input state or cancel during ODO input state



(*)2

- 0: Horizontal
 1: 3° to 5°
 2: Over 5°
 3: Error

Note: This procedure may take several attempts. Each time you start again, remove the key from the ignition and wait at least five seconds.

5. List the six-digit number displayed.

6. What do the first three digits mean? What do the last three digits mean?

7. After recording the six-digit number, lean on the front or rear bumper. Are the numbers changing?

8. Release the bumper and allow the vehicle to return to normal ride height.

9. When you pressed and held the Trip button for at least five seconds at the end of the procedure a single number should have appeared. What number was displayed?

10. According to the repair manual, what does this number mean?

Result Display Mode

- 0: Under processing
- 1: Recording completed
- 2: EEPROM error
- 3: Speed input or cancel during setting

If the number one (1) appeared, you are finished and the sensor is now reset. This allows for proper fuel and gas mileage reading.



Notes



SELF-ASSESSMENT 4-2

Inclination Sensor Reset

Name:	Date:
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Self-assessment Objectives

Review this sheet as you are doing the Inclination Sensor Reset worksheet. Check off either category after completing the worksheet and instructor presentation. Ask the instructor if you have questions. The **Comments** section is for you to write notes on where to find the information, questions, etc.

I have questions

I know I can

Topic

Comment

Locate Inclination Sensor information from TIS or Repair Manual.			
Determine what the reading means in relation to the vehicle.			



Notes