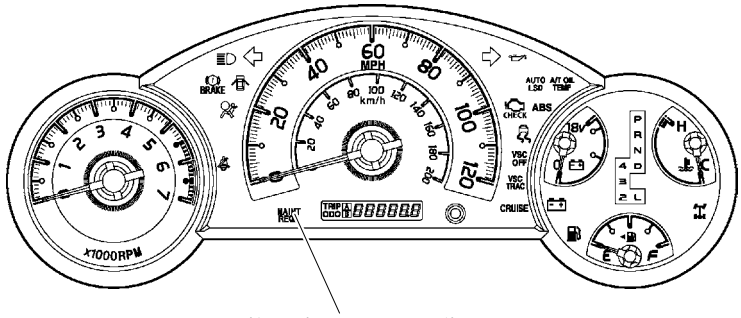
METER

■ COMBINATION METER

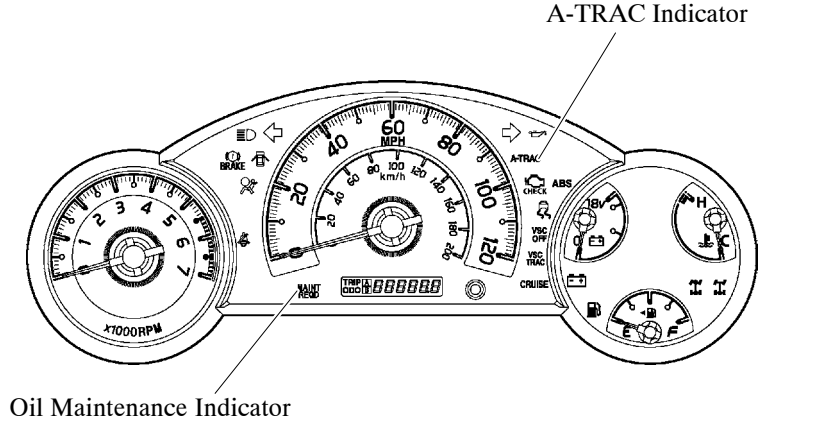
1. General

The combination meter has the following features:

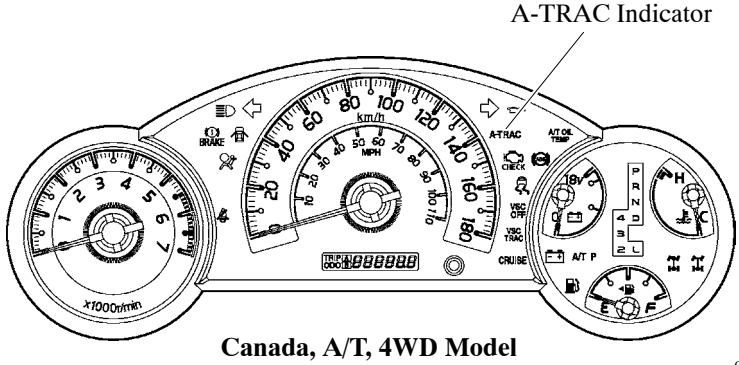
- An odometer and trip meter that use an LCD (Liquid Crystal Display) is used.
- The combination meter has a built-in meter ECU and buzzer.
- LEDs (Light Emitting Diode) are used to reduce the consumption of electrical energy.
- An A-TRAC indicator is used for the 4WD models as optional equipment.
- A speed-sensing seat belt warning buzzer is used for the driver and passenger seats. The buzzer for the seat belt reminder can be disabled. For details, see page BE-85.
- The oil replacement reminder light is used only on models for U.S.A.. For details, see page BE-22.



U.S.A., A/T, 2WD Model with Rear Differential Lock

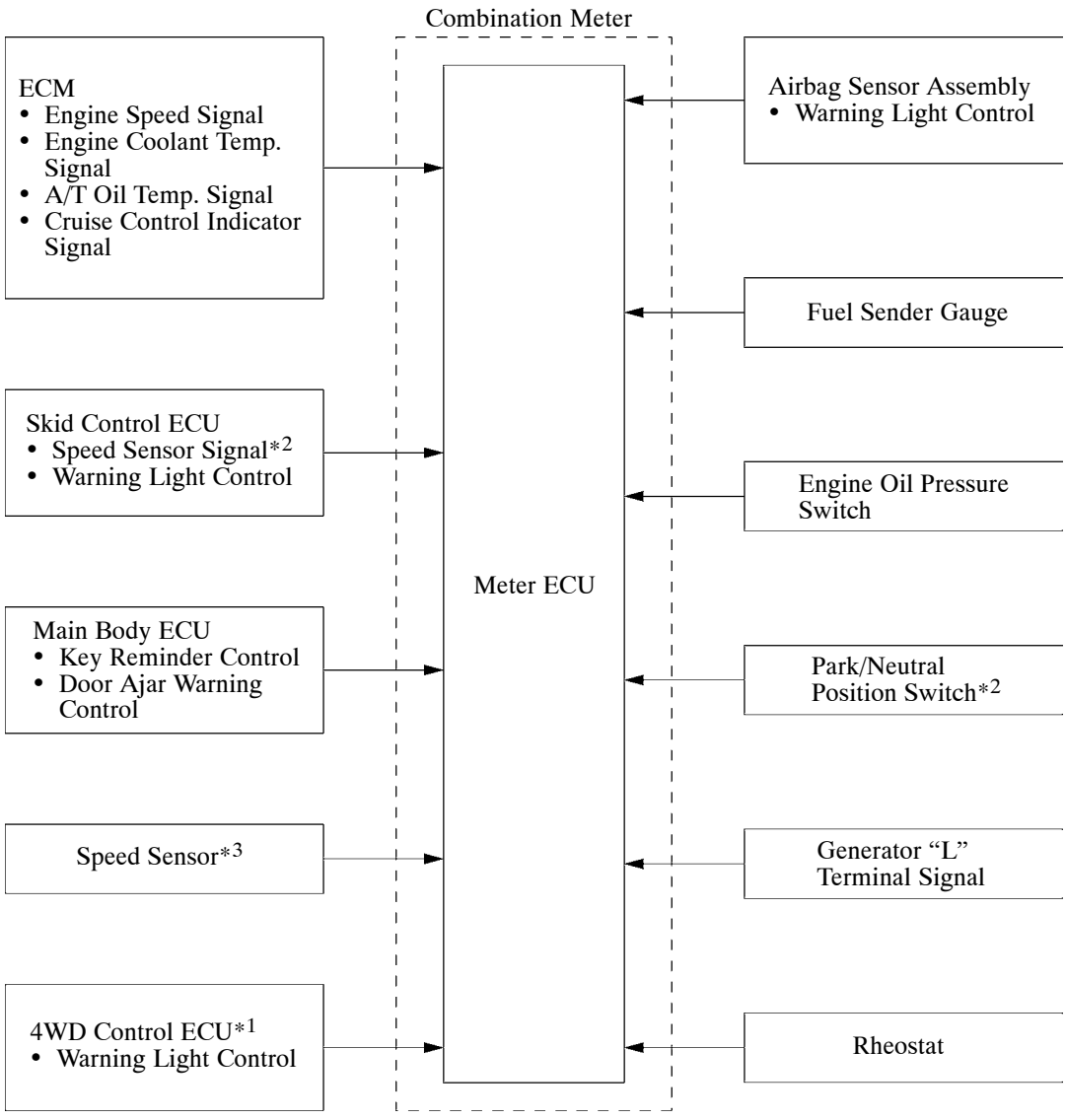


U.S.A., M/T, 4WD Model



Canada, A/T, 4WD Model

2. System Diagram



*1: Only for 4WD Model
*2: Only for A/T Model

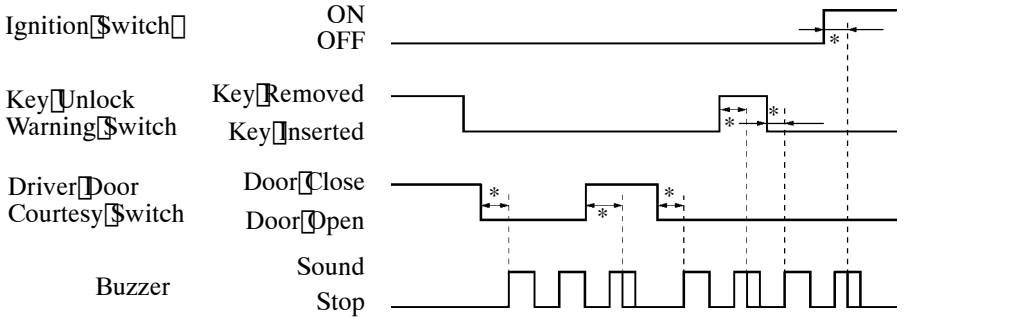
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3. Buzzer

A multi-function buzzer has been adopted which sounds each time a warning occurs. This buzzer is built into the combination meter. The multi-function buzzer has only one sound source, but can perform multiple warnings by changing the sound pattern (frequency). The combination meter has the following buzzer functions:

Key Reminder

If a door is opened when the ignition switch is off and the key is still inserted in the ignition key cylinder, the buzzer will sound. If a door is opened when the ignition switch is off and the key is still inserted in the ignition key cylinder, the buzzer will sound.

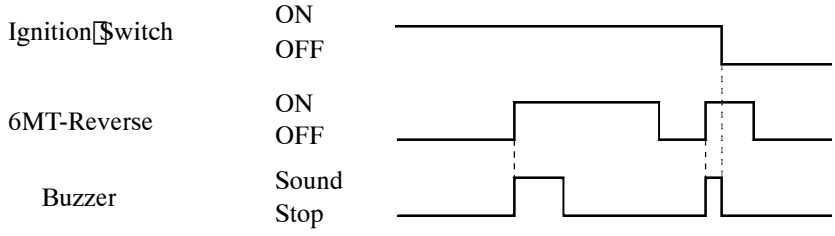


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*: within 0.1 second

Shift Lever Reverse Reminder

If the shift lever is moved into reverse when the ignition switch is on, the buzzer will sound.



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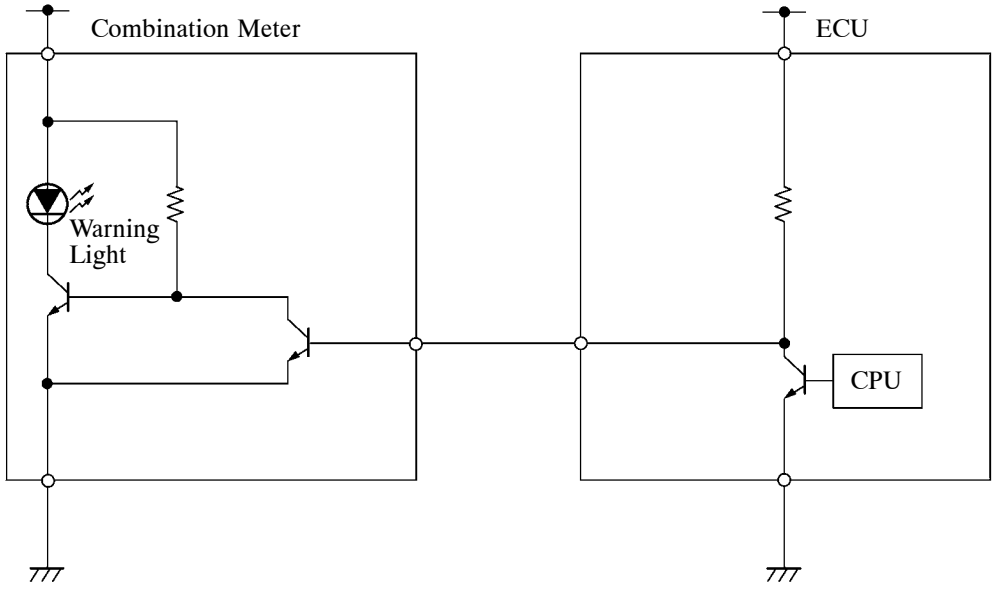
Seat Belt Reminder

If the ignition switch is turned on when the seat belt is not fastened, the buzzer will sound. For details, see page BE-85.

4. Active Circuit

Active circuits are used for the SRS warning light, ABS warning light and brake warning light circuit in order to illuminate the light when there is an open or short circuit in the wiring harness. Thus, the range of detectable malfunctions has been expanded.

▶ Circuit Diagram ◀



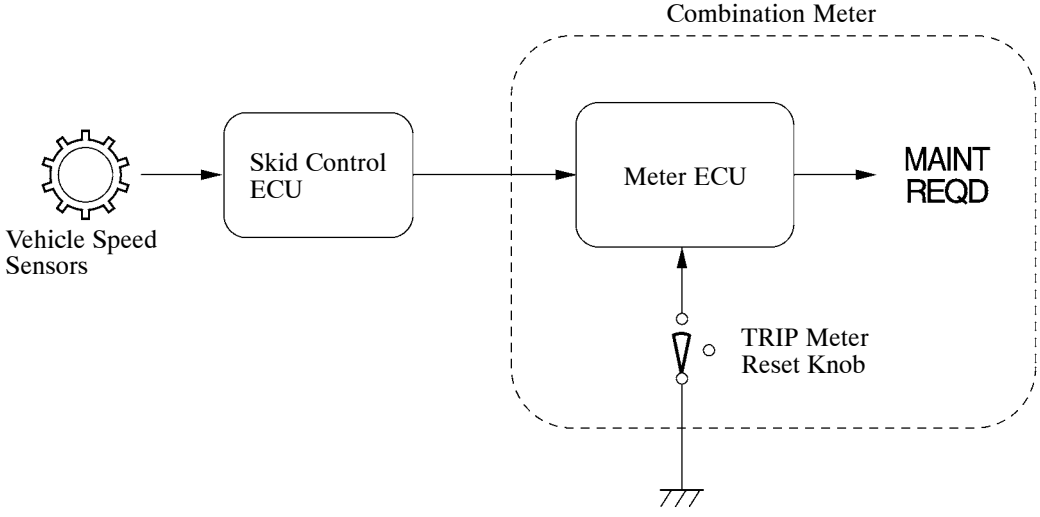
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5. Oil Replacement Reminder Light

An oil replacement reminder light will light or flash, depending on the vehicle driving distance, to remind the driver to change the engine oil.

- Operation of the oil replacement reminder light is based on the accumulated vehicle driving distance memorized in the combination meter (Meter ECU).
- A/T models:
  Vehicle driving distance is calculated by the Meter ECU based on signals from the Skid Control ECU.
- M/T models:
  Vehicle driving distance is calculated by the Meter ECU based on signals from the speed sensor.
- This light has a bulb check function and an oil replacement reminder function.
- When turning the ignition switch ON, the Meter ECU will turn the oil replacement reminder light ON for 3 seconds as a bulb check.
- When the accumulated vehicle driving distance memorized in the Meter ECU exceeds 4,500 miles (7,200 km) after being reset, the Meter ECU will flash the oil replacement reminder light for 12 seconds after the bulb check to remind the driver that the engine oil change time is approaching.
- When the accumulated vehicle driving distance memorized in the Meter ECU exceeds 5,000 miles (8,000 km) after being reset, the Meter ECU will keep the oil replacement reminder light on after the bulb check to remind the driver to change the engine oil.

▶ System Diagram ◀



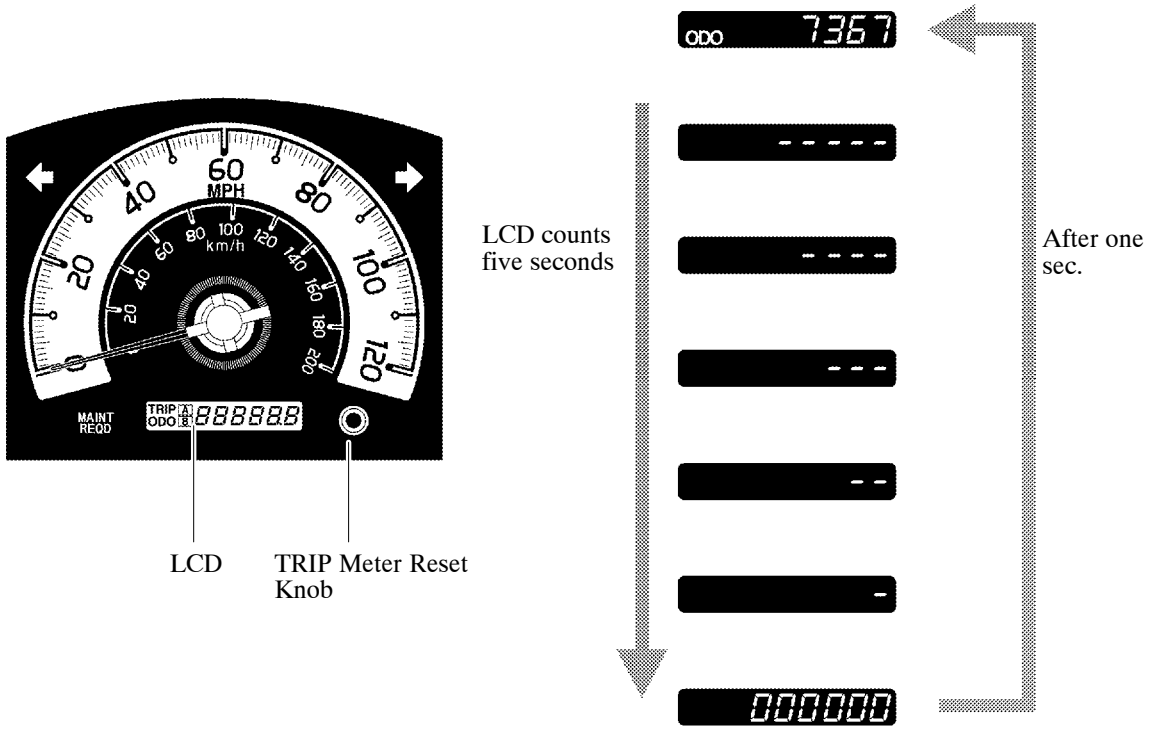
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- After the engine oil has been changed, accumulated vehicle driving distance memorized in the Meter ECU should be reset using the “TRIP” meter reset knob. At this point, the accumulated vehicle driving distance is reset to zero and the cycle begins again.

Service Tip

The accumulated vehicle distance memorized in Meter ECU can be reset using the following procedure.

1) Turn the ignition switch ON, and make sure that the odometer is displayed on the LCD.
2) Turn the ignition off. While pushing the “TRIP” meter reset knob, turn the ignition switch ON.
3) With the ignition switch on, keep holding the “TRIP” meter reset knob (for at least five seconds) with the LCD counting down as shown below. Release the “TRIP” meter reset knob when the resetting has completed.



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