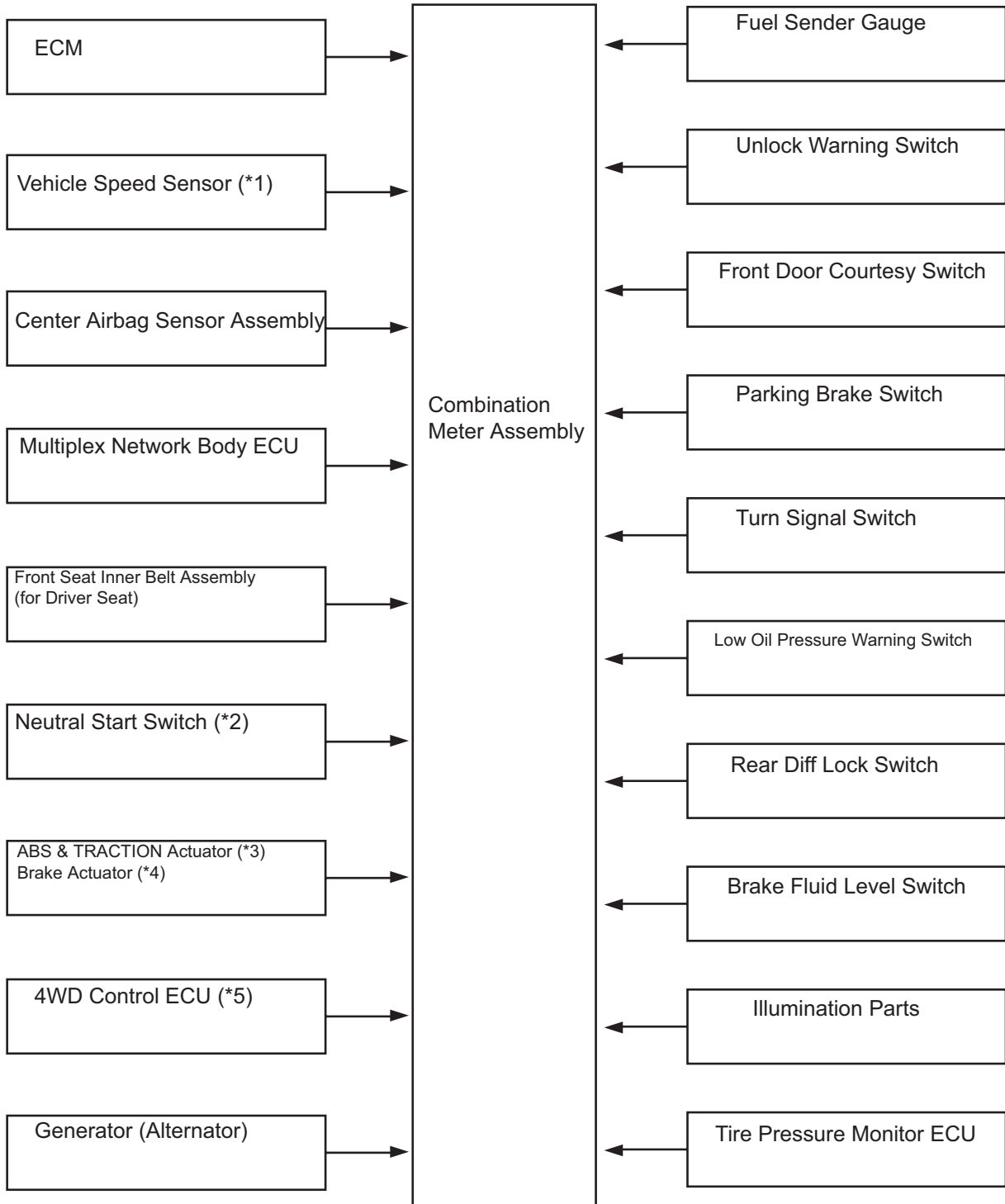


# SYSTEM DIAGRAM

**Combination Meter Assembly:**



\*1: M/T Vehicle    \*3: w/ VSC    \*5: 4WD Vehicle  
 \*2: A/T Vehicle    \*4: w/o VSC

## SYSTEM DESCRIPTION

### 1. METER GAUGE AND WARNING/INDICATOR

#### GAUGE:

Item	Detail
Speedometer (with VSC)	Based on signals received from wheel speed sensor, hydraulic brake booster calculates vehicle speed and transmits data to meter.
Tachometer	ECM transmits engine speed to meter to display.
ODO/TRIP meter	Combination meter assembly.
Fuel	Displays fuel level in accordance with signal from fuel sender gauge.
Water Temperature	Displays water temperature in accordance with signal from ECM.

#### WARNING / INDICATOR:

Item	Signal Description
TURN	Turn signal switch is ON.
BEAM	Displays reception of signal from multiplex network body ECU.
CHARGE	Receives malfunction signals from generator (alternator).
OIL PRESSURE	Warning is displayed when oil pressure is low (pressure switch is ON).
MIL	Receives malfunction signals from ECM.
DOOR	Open door indicator comes on when signal is received from multiplex network body ECU.
SEAT BELT	Driver's seat belt buckle switch is OFF (Unfastened).
BRAKE	Displays warning when parking brake switch is ON or brake fluid level warning switch is ON.
MAINT (Blinks)	Blinks when 4,500 miles has been run after ODO/TRIP switch is set.
MAINT (Comes on)	Comes on when 5,000 miles has been run after ODO/TRIP switch is set.
CRUISE	Receives malfunction signals from ECM.
AIR BAG	Receives malfunction signals from airbag ECU.
FUEL	Receives fuel empty signals from fuel sender gauge.
A/T P (A/T)	Receives P signals from neutral start switch.
A/T R (A/T)	Receives R signals from neutral start switch.
A/T N (A/T)	Receives N signals from neutral start switch.
A/T D (A/T)	Receives D signals from neutral start switch.
A/T 4 (A/T)	Receives 4 signals from neutral start switch.
A/T 3 (A/T)	Receives 3 signals from neutral start switch.
A/T 2 (A/T)	Receives 2 signals from neutral start switch.
A/T L (A/T)	Receives L signals from neutral start switch.
TAIL	Displays when receiving signals from multiplex network body ECU.
A/T OIL TEMP	Displays when receiving signals from ECU.
AUTO LSD	Receives signals from hydraulic brake booster while AUTO LSD is operating.
SLIP	<ul style="list-style-type: none"> <li>Receives signals from hydraulic brake booster while VSC, TRAC, A-TRAC, A-LSD, DAC, RR DIFF LOCK and HCA are operating.</li> <li>Receives malfunction signals of TRAC, A-TRAC and A-LSD from hydraulic brake booster.</li> </ul>
VSC TRAC	Receives malfunction signals of VSC, TRAC, A-TRAC, A-LSD, DAC and HAC from hydraulic brake booster.
VSC OFF	<ul style="list-style-type: none"> <li>Receives signals from hydraulic brake booster while H4L, L4L and RR DIFF LOCK are operating.</li> <li>Receives malfunction signals of VSC from hydraulic brake booster.</li> </ul>
DAC	<ul style="list-style-type: none"> <li>Receives signals from hydraulic brake booster while DAC and RR DIFF LOCK are operating.</li> <li>Receives malfunction signals of the DAC from hydraulic brake booster.</li> </ul>
4WD	Receives signals from 4WD control ECU while 4WD is operating.
4LO	Receives signals from 4WD control ECU while 4LO is operating.
RR DIFF LOCK	Receives signals from 4WD control ECU while RR DIFF LOCK is operating.
ABS	<ul style="list-style-type: none"> <li>Receives signals from hydraulic brake booster while DIFF LOCK is operating.</li> <li>Receives malfunction signals of ABS, BRAKE ASSIST, and EBD from hydraulic brake booster.</li> </ul>
TIRE PRESSURE	Receives signals from tire pressure monitor ECU.

**BUZZER:**

Item	Signal Description
Key Reminder	Buzzer is ON: Ignition switch is OFF, key is inserted, and door is open.
Fasten Belt	Buzzer is ON: Ignition switch is ON and seat belt is unfastened.
Manual Shift Reverse (6MT)	Buzzer is ON: Ignition switch is ON, shift position is reverse.

**2. SYSTEM FEATURES**

The combination meter in this vehicle has the following features:

- (a) Built-in buzzer for the reminder system (key and seat belt).
- (b) Integrated rheostat, trip and odometer knobs.
  - Rotate the knob to adjust the interior illumination.
  - Press and release the knob to scroll through trip A, trip B, and odometer features.
  - Press and hold the trip knob to reset the trip meter functions.
- (c) Oil maintenance indicator.
  - 4,500 miles after the ODO/TRIP switch is set, the maintenance indicator blinks for 15 seconds after the ignition switch is turned to the ON position.
  - 5,000 miles after ODO/TRIP switch is set, the maintenance indicator comes on.
- (d) How to reset oil maintenance indicator (See page [ME-24](#)).