

# COMPONENT PARTS

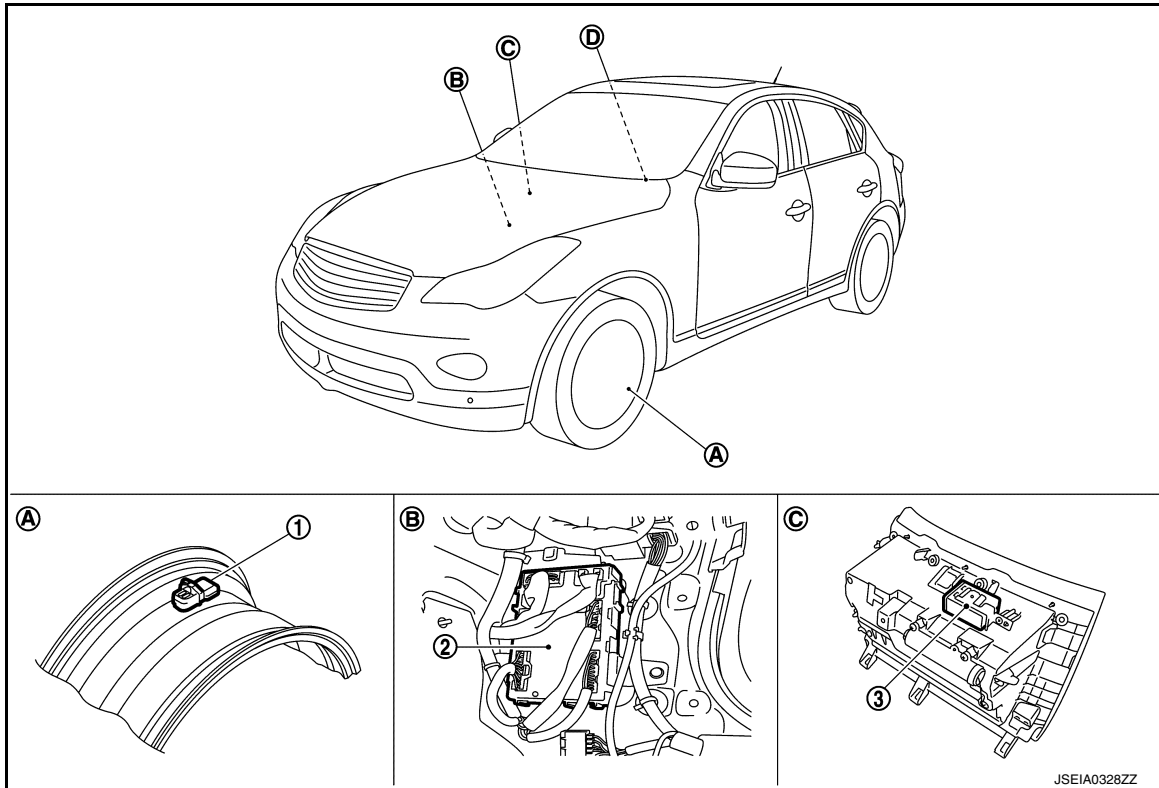
< SYSTEM DESCRIPTION >

## SYSTEM DESCRIPTION

### COMPONENT PARTS

#### Component Parts Location

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- |   |                                     |                              |
|---|-------------------------------------|------------------------------|
| 1. Tire pressure sensor   | 2. BCM                              | 3. Tire pressure receiver    |
| A. Wheel  | B. Dash side lower (passenger side) | C. Instrument lower panel RH |
| D. Low tire pressure warning lamp, information display (In combination meter) |                                     |                              |

#### Component Description

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Component parts	Function
BCM (Body Control Module)	<a href="#">WT-6. "BCM"</a> .
Tire pressure sensor	<a href="#">WT-7. "Tire pressure sensor"</a> .
Tire pressure receiver	<a href="#">WT-7. "Tire pressure receiver"</a> .
Turn signal lamp	ID registration of each wheel has been completed, turn signal lamp flashes.
	Transmits the vehicle speed signal via CAN communication to BCM.
Unified meter and A/C amp.	Receives the following signals via CAN communication for BCM. <ul style="list-style-type: none"> <li>• Low tire pressure warning lamp signal</li> <li>• TPMS malfunction warning lamp signal</li> </ul>
Low tire pressure warning lamp	<a href="#">WT-8. "TIRE PRESSURE MONITORING SYSTEM : System Description"</a>
Information display	<a href="#">WT-7. "Information Display"</a>

#### BCM

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The BCM reads the air pressure signal received by the tire pressure receiver, and controls the low tire pressure warning lamp and the buzzer operations. It also has a judgment function to detect a system malfunction.

# COMPONENT PARTS

## < SYSTEM DESCRIPTION >

### Tire pressure sensor

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The tire pressure sensor integrated with a valve is installed on a wheel, and transmits a detected air pressure signal by radio wave.

### Tire pressure receiver

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The tire pressure receiver receives the air pressure signal transmitted by the tire pressure sensor in each wheel.

### Information Display

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The vehicle information display is shown when a low tire pressure warning lamp signal is transmitted from BCM to Unified meter and A/C amp. via CAN communication.

Condition	Vehicle information display
Ignition switch OFF	Non-indication
Low tire pressure	Indication

A  
B  
C  
D  
F  
G  
H  
I  
J  
K  
L  
M  
N  
O  
P

WT