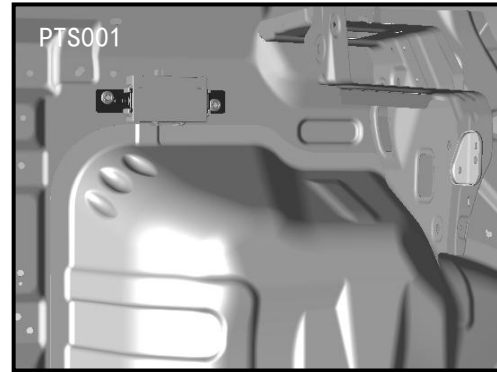


Parking assistant System

Layout of Components

Layout of control module PTS001:



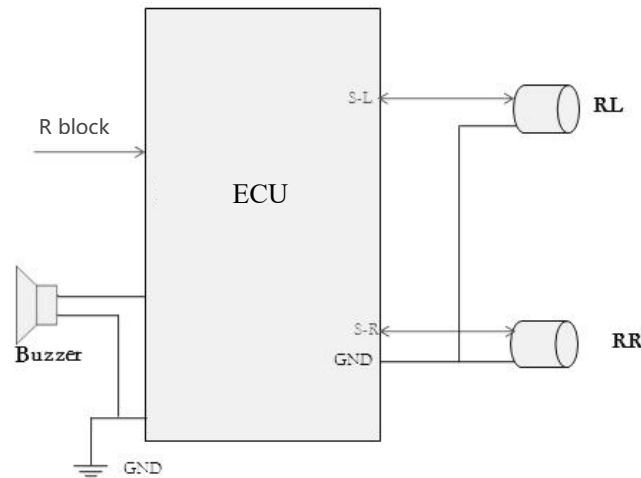
Note: control module is installed to 2 weld bolts on Body panel through support, fixed by nut, distance between installation support can be adjusted through body assembly.

The appearance of sensor is indicated as in the figure:

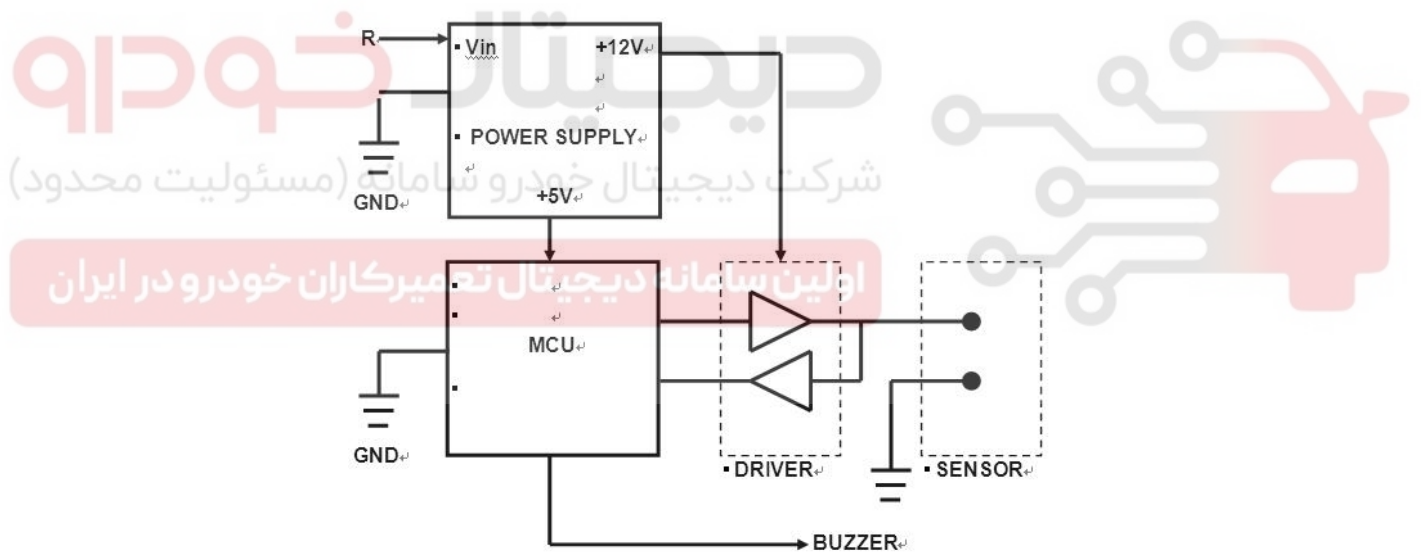


Note: sensor is installed on back bumper by shackle.

Systemic schematic



Parking assistant Systemic diagram



Parking assistant Systemic schematic

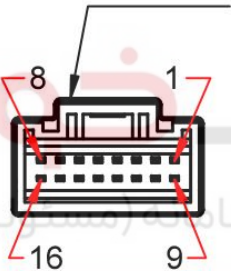
As showed below, it is composed of several parts followingL

- Control Module
- Sensor module
- Buzzer

Instruction of system connector

1. Control module connector:

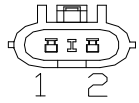
Diagram 1, signal definition of control module connector

Connector schematic	Pin	Signal name	Function	Remark
 <p>YAZAKI 7222-1368</p>	01	R_shift	Power supply positive	Parking power supply signal
	02	N.C.		
	03	N.C.		
	04	N.C.		
	05	N.C.		
	06	N.C.		
	07	SEN_L	Sensor power supply and signal transmission	Rear Left detector
	08	N.C.		
	09	N.C.		
	10	N.C.		
	11	N.C.		
	12	N.C.		
	13	N.C.		
	14	Buzzer	Buzzer power supply positive	control buzzer alarming
	15	SEN_R	Sensor power supply and signal transmission	rear Right detector
	16	GND	Power supply ground	

Remark: type of connector on control module harness terminal is: YAZAKI 7123-7169

2. Connector of detector:

Diagram 2 signal definition of detector connector

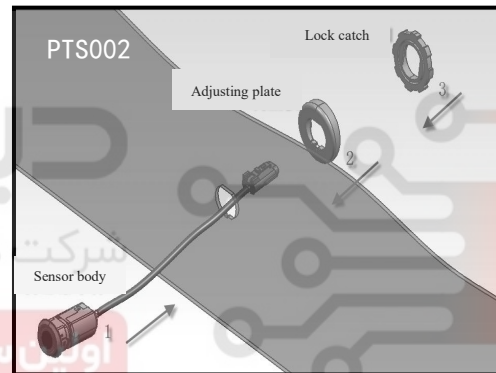
Diagram of connector	Pin	Signal name	Function	Remark
 Connector type: MG610320 (KET)	01	SENS OR	Detector power supply and signal transmission	Detector positive
	02	GND	Ground	Detector negative

Remark: type of connector on sensor harness terminal is :KET MG640322

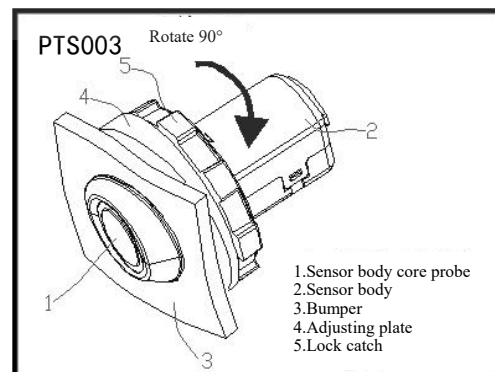
Replacement of sensor

1. Removal:

- 1) Remove the electric connector.



- 2) Rotate 90° to remove shackle



- 3) Remove adjusting panel, remove sensor from outside.

2. Installation

- 1) Penetrate sensor from outside of bumper, install adjusting panel to sensor.
- 2) Rotate 90° to fasten shackle.
- 3) Connect the electric connector.