



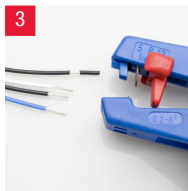
# How to install Universal Fit Lambda Sensors

## Installation Steps

1. Cut the new Sensor wires to length.

IMPORTANT: The new Sensor with the old connector must be the same length as the old Sensor and connector originally.

2. Cut the old Sensor wire to length.
3. Strip the wire ends to a length of 7mm.
4. Crimp the butt-splices with a ratchet crimping tool with red die (size 22 - 16).
5. Shrink the insulation of the butt-splices with the hot air until they are sealed.



## How to match cable colours?

1. Identify the colour combination of the old sensor connector.
2. Identify the type of DENSO After Market Universal Fit sensor you need to install thanks to its cable colours: 2 options, depending on the part number.
3. Match the cables together according to the tables below:

### Old (OE) Sensor

### DENSO Sensor

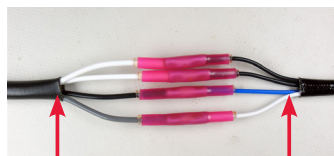
	OE Lambda Sensor 1	OE Lambda Sensor 2	OE Lambda Sensor 3	OE Lambda Sensor 4	OE Lambda Sensor 5		DOX-010... DOX-011... DOX-012... DOX-013...	DOX-015...
Heater +	Black	Purple	White	Brown	Black	↔	Black	Purple
Heater -	Black	White	White	Brown	Black	↔	Black	White
Sensor +	Blue	Black	Black	Purple	White	↔	Blue	Black
Sensor -	White	Grey	Grey	Beige	Green	↔	White	Grey

#### Example:

OE lambda sensor 3 has following cable colours: white, white, black and gray.

The DENSO Aftermarket Lambda sensor for the vehicle is DOX-0107.

Consequently, the wiring cables should be linked like on the picture below:



Connector from  
OE sensor 3

DENSO  
Lambda Sensor  
DOX-0107