



We are **the aftermarket**  
USA & CANADA

1923 | 2017



# A leading **worldwide** supplier in the **automotive** industry

OPERATING IN OVER **151** COUNTRIES

**52** RESEARCH & DEVELOPMENT CENTERS

**134** PRODUCTION SITES

**30** DISTRIBUTION WAREHOUSES

**10,000** NEW PARTS

**82,800** EMPLOYEES

*Valeo is an automotive supplier, partner to all automakers worldwide. As a technology company, Valeo proposes innovative products and systems that contribute to the reduction of CO<sub>2</sub> emissions and to the development of intuitive driving.*

## **Innovation** that's best demonstrated by **achievement**

For Valeo, being an automotive tech company means knowing how to think outside the box and venture off the beaten track. Innovation is, first and foremost, a state of mind. We must live, think and breathe innovation while remaining in tune with the world around us. Innovation is defined through constant interaction with customers and consumers. That's why Valeo surveys almost 20,000 people directly each year in the United States, Europe, Japan, South Korea and China, with one simple aim: anticipate driver preferences before anyone else. Valeo has often been a pioneer in this area as demonstrated by its most recent introduction of the first micro- hybrid Stop-Start Alternator System.

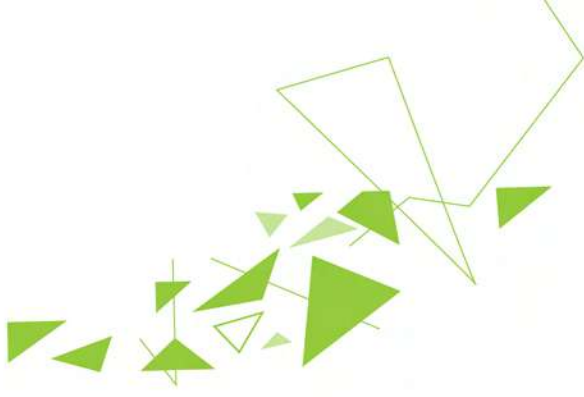


**2005**  
**LaneVue™**  
Lane Departure Warning System

**2007**  
**Blind Spot**  
Detection System

**2006**  
**StARS™**  
Micro Hybrid-System

**2008**  
**Park4U®**  
Park Assist System



SMART TECHNOLOGY  
FOR SMARTER CARS



Meaning "I am well", Valeo continues to live up to its name and founding principles to become the most progressive and well respected original equipment manufacturer worldwide. From modest beginnings in Saint-Ouen, Paris in 1923, to establishing itself as a global leader in the design, development and discovery of advanced automotive technology, Valeo quietly prides itself for never straying from its roots for offering engineering excellence and the unwavering belief that innovation is fostered by change. Superior products that reflect the correctness of detail and intuitively adapt to a world that is continuously evolving.



**THOMSON REUTERS**  
2016 TOP 100 GLOBAL INNOVATORS

**CERTIFIED TOP EMPLOYER**  
2016 GLOBAL TOP EMPLOYER



2012

**AQUABLADE®**  
Wiper System

2014

**Back-Over System**  
Reverse Maneuver System

2016

**Electric Supercharger**   **Water-Cooled Condenser**  
Air Management System   Thermal System

**Air Intake Module**  
Gas Recirculation System

2013

**High-Efficiency Alternator**  
Electrical System

2015

Trust the **Air Conditioning** Specialist



### Products:

Actuators  
Condensers  
Heater Cores

Blower Motors  
Expansion Valves  
Receiver-Driver

Compressors  
Evaporators  
Resistors



## The science of superior comfort

The Valeo compressor program offers a wide range of passenger, commercial and heavy duty vehicles. These products are developed using only the highest quality components and latest technology. Valeo delivers optimal performance and efficiency under the harshest conditions to meet the needs of today's advanced vehicle systems.

## Compressors



**Domestic and Import.  
Passenger and Heavy Duty.**



PASSENGER • LIGHT TRUCK • COMMERCIAL VAN • REFRIGERATION



AGRICULTURE • INDUSTRIAL • RECREATIONAL • COMMERCIAL DELIVERY • SCHOOL BUS • HEAVY TRANSPORT



## Why Valeo?

<b>100%</b> New	<b>OE</b> Supplier
<b>Exact</b> Replacement	<b>Trusted</b> Reliability
<b>Enhanced</b> Performance	<b>Multi-Point</b> Quality Tested

Trust the **Lighting Systems** Specialist



A beaming example of **OE brilliance**

As one of the worldwide leaders in original equipment lighting systems, Valeo offers a new and growing line of lighting products.

**Products:**

Headlights Frontlamps  
Foglamps Taillights



**Technologies:**

Halogen LED Xenon



US & Canada



# CIBIÉ

Established in 1919, the CIBIÉ brand is dedicated to lighting accessories for on and off road activities. The OSCAR Halogen and the new OSCAR LED are auxiliary headlamps that ensure quality lighting performance.



**THE ORIGINAL**

## The OSCAR Halogen range

Since the 60's, CIBIÉ has been successfully developing the original OSCAR headlamp range and implementing the latest improvement of halogen technology. Today, CIBIÉ continues to promote the same product quality and standards since original production.

- Steel Body** | High Thermal Absorption: No Plastic!
- Hardened Shock Resistant Glass** | Color: clear

## The OSCAR LED range

In 2014, Valeo developed a new range, the OSCAR LED, which combines the unique design and manufacturing quality of CIBIÉ with all the benefits of the latest LED technology, enhancing drivers' night visibility.

- Aluminum Housing** | High Thermal and Mechanical Resistance
- Complex Reflector Surface** | High Performance Optic
- Coated Polycarbonate Lens** | High Solar UV Resistance, High Shock Resistance
- 2 High Performance LEDs**

**Extreme Condition Testing:** Ideal for off-road driving ensuring optimal performance in harsh environments

**WATERPROOF | ALL-WEATHER | CORROSION RESISTANT**



**FULL LED**

Trust the **Electrical Systems** Specialist



**100%** *New*  
(not remanufactured)

- + Direct Replacement for a perfect fit and easy installation
- + High output to weight ratio for increased durability
- + Engineered to produce maximum charge output by decreasing heat, vibration and dust exposure
- + Designed to reduce emissions and fuel consumption

Valeo coverage:



PASSENGER • AGRICULTURE • HEAVY DUTY • INDUSTRIAL • MARINE

## Products:

Alternators  
Starters

## Innovation:

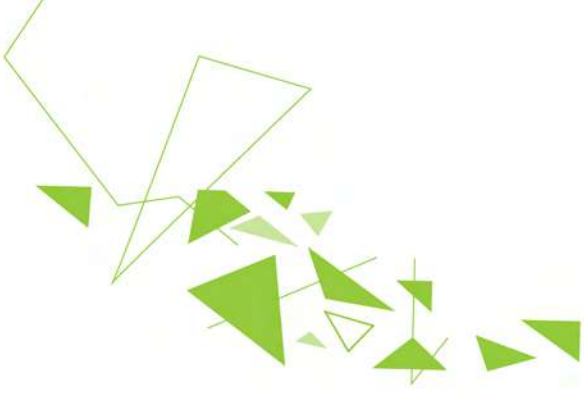
Start/Stop Technology  
(PACE Award Winner)

**Extreme Condition Testing**  
ensuring reliability under the harshest  
conditions and extreme electrical demands

**NOISE | VIBRATION | CORROSION | DURABILITY**







The right part **from the start**

Integrated Starter Alternator Reversible System **i-StARS™**

Valeo's integrated Starter Alternator Reversible System (i-StARS), is a stop-start system based on a combined starter-alternator solution replacing the conventional alternator. i-StARS enables the combustion engine to shut off when the vehicle drops below a preset speed. For example, one Valeo application in the market today stops the engine when the vehicle speed drops below five miles per hour (eight km/h) for automatic transmissions and below 13 miles per hour (20 km/h) for manual transmissions. i-StARS automatically restarts the engine in approximately 400 milliseconds, even when drivers unexpectedly change their minds during stopping sequences.

### How it works:

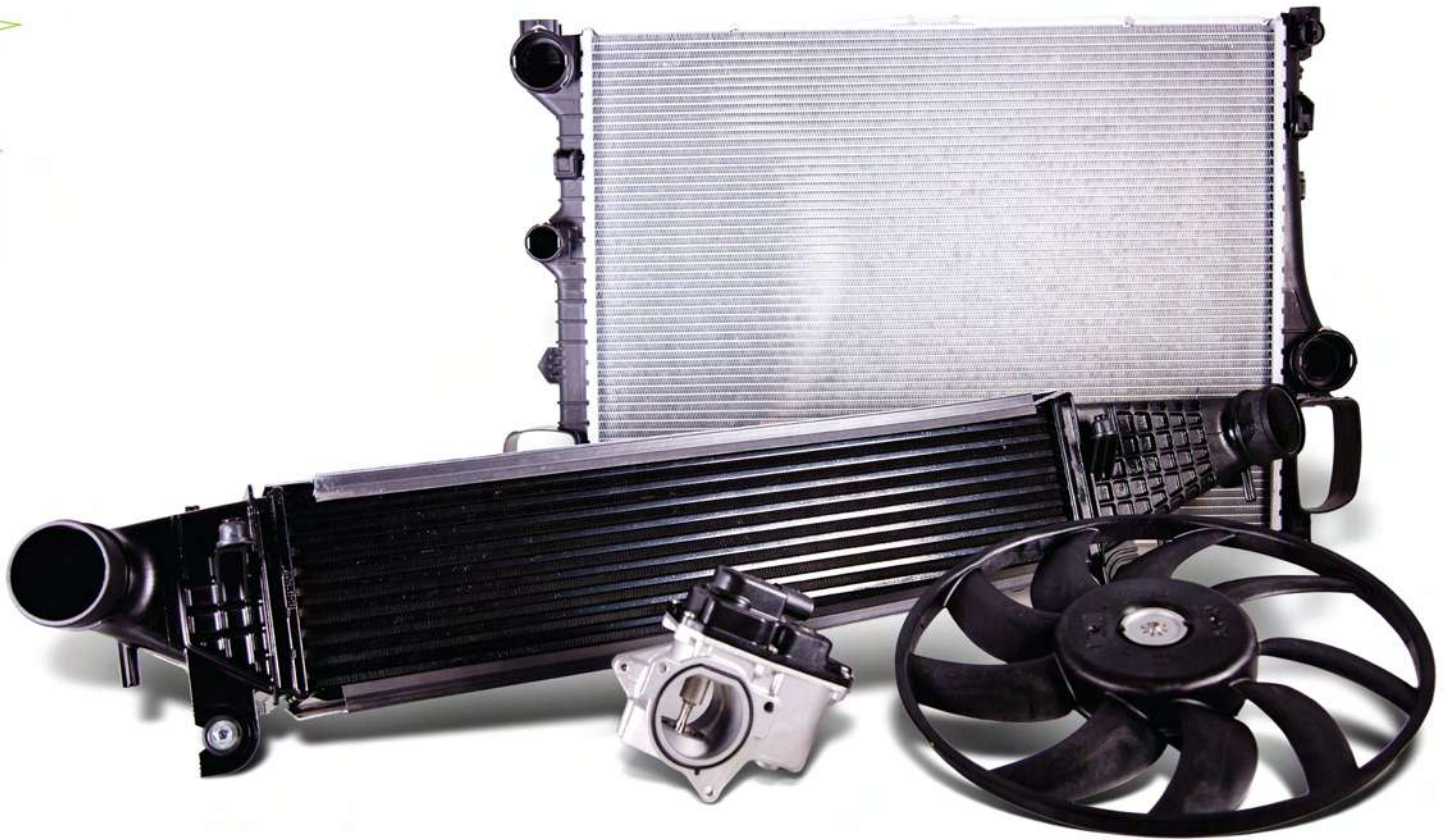
i-StARS cuts off the engine when the vehicle is at a standstill and instantaneously and silently restarts it when engaging a gear or after releasing the brake.

### One solution, multiple benefits:

- Reduces fuel consumption  
(2% in standard driving cycle, 15% in the city)
- Reduces CO<sub>2</sub> emission



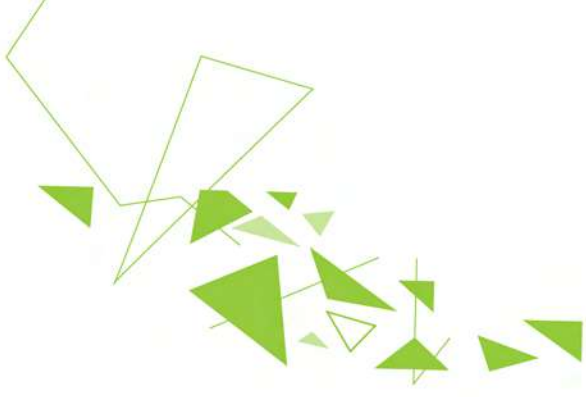
Trust the **Engine Cooling** Specialist



**Products:**

Charge Air Coolers  
Fan Systems

EGR Coolers / Valves  
Radiators



## Exceptional quality, engineered for **extreme conditions**

As a worldwide leader with more than 25 years of expertise in original equipment thermal system loop design, Valeo offers a growing line of cooling & air management system products. Trusted by major vehicle manufacturers and Aftermarket industry professionals worldwide, Valeo combines its signature engineering and advanced technology to defy overheating.

### Radiators

#### **Extreme Condition Testing**

ensuring high cooling capacity and reliable temperature control in harsh environments

**PRESSURE | CORROSION | VIBRATION | CRASH**

**Application Specific**  
perfect fit and easy installation

**Core and Header Plate Assembly**  
reduces risks of leakage

**Tube and Fin Density**  
provides better thermal exchange  
- reduces overheating risks

**Water Tank Crimping**  
improves resistance to pressure

**High Quality Braised Cores**  
increased performance  
vibration resistance



Trust the **Transmission Systems** Specialist



**WORLD'S  
LARGEST**  
Manufacturer of OE Clutches

## **Best in class** control of power through conversion

All Valeo clutches are manufactured according to Valeo's highest quality standards, making Valeo products efficient and reliable and ensuring full customer satisfaction. Valeo's expertise in research and development allows the reduction of clutch noise and vibrations along with enhanced driver comfort through better gear changes, giving consumers a smoother and more comfortable ride.

### **Products:**

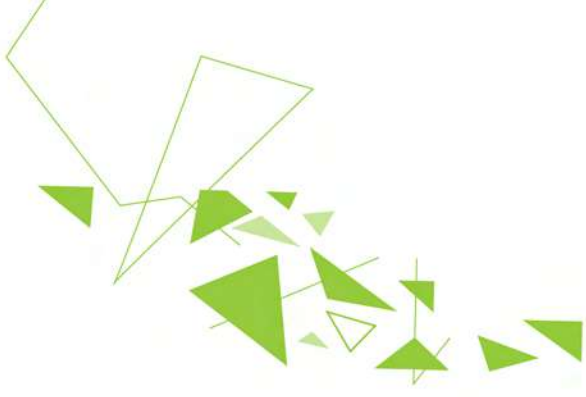
Conversion Clutch Kit

Performance Clutch Kit

Traditional Clutch Kit

Flywheel: Rigid & Dampered

Hydraulic Components: CSC, CMC, CRC & Pre-Filled



## Conversion Kits

Trusted by major vehicle manufacturers and Aftermarket industry professionals worldwide, Valeo combines its signature engineering and advanced design to deliver uncompromising performance and unrivalled quality.



### Valeo advantages:

<b>Easy</b> Installation	Same installation time as a Dual Mass flywheel kit - no special tools required
<b>Lasting</b> Durability	All new components providing better thermal resistance and full engine and gearbox protection
<b>Maximum</b> Torque Transfer	Light weight kit increases torque transfer efficiency and reduces torsional stress on crankshaft
<b>Competitive</b> Cost Savings	Experience savings of 15% - 20% when compared to the DMF Kit
<b>Superior</b> Driving Comfort	High filtration of vibrations and noise enhances driving pleasure

## Clutch Kits Complete repair solution includes all components needed to complete the job:



- |                               |                               |
|-------------------------------|-------------------------------|
| Installation Guide            | Clutch Disc Assembly          |
| Flywheel (where needed)       | Pressure Plate Cover Assembly |
| Pilot Bearing (where needed)  | Release Bearing               |
| Alignment Tool (where needed) | Grease Pack                   |



Trust the **Wiper Systems Specialist**

**WORLDWIDE LEADER**  
in OE Wiper Systems



Universal Fit  
**FIRST**

12 PART NUMBERS ✓  
LENGTHS: 14" - 28" ✓  
98% MARKET COVERAGE ✓

**ALL-IN-ONE** ADAPTER SYSTEM  
**PATENTED 3-D SPOILER** DESIGN  
**AERODYNAMIC** END CLIP  
**CURVED** METAL SPLINE  
**TEC2™** RUBBER + COATING

Quick and Easy Installation  
High Speed Performance  
Reduces Drag on Windshield  
Optimized Contact and Wiping Performance  
Long Lasting, All-Weather Durability

Wiper Blade Sets for  
European Vehicle Applications

**SILENCIO**  
**X-TRM**

EXCEPTIONAL PERFORMANCE ✓  
APPLICATION SPECIFIC COVERAGE ✓

**OE PRECISION** ADAPTER  
**ASYMMETRIC** SPOILER  
**LOW-PROFILE** DESIGN  
**2 INTEGRATED** METAL SPLINES  
**TEC3™** RUBBER + COATING

Quick and Easy Installation  
Wind Force Control for Maximum High Speed Wiping  
For Optimized Visibility  
OE Design for Optimized Contact and Smoother Wiping Performance  
Longer Lasting, Extreme-Weather Durability





The wiper blade that lets you know  
it's time for a change

# ULTIMATE

Valeo recognizes the critical importance of clear visibility for safe driving. Nearly two decades ago, Valeo developed this simple, yet sophisticated solution that reminds both drivers and technicians when to change worn wiper blades. With over 100 million blades sold worldwide, the Valeo patented wear indicator is a trusted solution in both OE and the after market.

## Built-in service reminder



Exclusive Wear Indicator will turn yellow when wiper blade requires replacement.

## Valeo Patented Wear Indicator

**TRADITIONAL**  
Conventional Blade Replacement

**BEAM HOOK**  
Upgrade from Conventional Wiper Blade

**BEAM ORIGINAL**  
OE Beam Blade Replacement

**REAR BLADE**  
OE Rear Blade Replacement

**WINTER**  
Extreme Winter Defender

**HEAVY DUTY**  
All Metal Strength and Durability



*New*

Trust the **Parking Assistance** Specialist



US & Canada



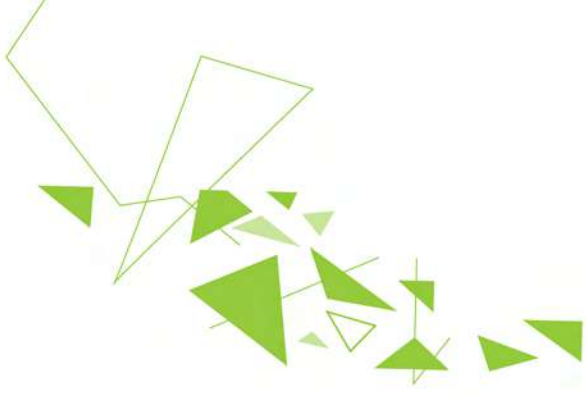
## Parking Sensors

### Valeo advantages:

<b>Easy</b> Installation	Plug and play technology, no electronic or software configuration needed
<b>Simple</b> Configuration	Complete kit includes paintable sensors and 3 decoupling rings (grey, black, transparent)
<b>Exceptional</b> Quality	Only OE fit and OE performance, two critical requirements for a safety part

Did you know? Decoupling rings reduce vibrations, protect against water infiltration.





## OE technology designed to find your **safe space**

Only Valeo offers true replacement for OE Parking Sensors. Plug and play technology that reliably performs to OE specs and driver expectations. Other aftermarket replacements are not compatible with the (Valeo) system and will oftentimes hide the error code and don't truly operate according to needed performance.



CRASH PART



PAINT TO MATCH

With Valeo, you get OE fit and OE performance, two critical requirements for a safety part.

## A Growing Market

In the 1990's, Valeo became one of the first Original Equipment suppliers of parking assistance systems. Today, Valeo manufactures more than 10 million parking assistance systems per year.

## Valeo technology:

The technology behind the ultrasonic sensor is based on echo-location. The frequency of the sound provides accuracy and remains inconspicuous. As sound hits a solid object, it is reflected back, creating an echo. Since the speed of sound is known and constant for similar conditions (such as wind or humidity), it is possible to determine the distance of the object emitting an echo by multiplying the speed of sound by half the time it takes to detect the echo (because the echo time is actually the time it takes the sound to hit an obstacle and travel back). Efficiency is not affected by snow or rain.