

Small gain



# HUGE RISK!

## Why choose TEMCO genuine parts?

Original TEMCO Parts and Accessories adhere to stringent quality and environmental testing and are the result of intense research and development. With an original product, TEMCO customers can legitimately rely on the highest quality standards. **INFERIOR** auto parts may have a huge negative impact on the safety of a vehicle, not only causing wear and tear and damage but also accidents, as shown in the examples below:

Safety risks of **INFERIOR** auto parts:

- Increased dust permeability.
- Insufficient water stability.
- Inferior capacity.

Possible consequences:

Increased, premature engine wear and tear, shorter service intervals.



Safety risks of **INFERIOR** auto parts:

- Inferior finishing & born surface.
- Inferior design & construction .
- Insufficient strength and stability.

Possible consequences:

Structural failure, leakage failure, unstable and even lead accident and hurt human lives under some circumstance



Safety risks of **INFERIOR** auto parts:

- Inferior material
- Raw material lower quality.
- Inferior capacity.

Possible consequences:

Might malfunction under stress. Prone to damage. Diminished lifespan.



Safety risks of **INFERIOR** auto parts:

- Inferior material
- Raw material lower quality.
- Inferior capacity.

Possible consequences:

Unable to support the pressure. Easy to broken. Reduced service life

### DURABLE, RELIABLE & DEPENDABLE

#### INCREASED SAFETY RISK.

**INFERIOR** auto parts are not subject to the TEMCO's high quality standards. They can seriously impair the functions and safety of your vehicle.

#### WARRANTY AND LIABILITY CLAIMS.

**INFERIOR** auto parts will not provide the same warranty and liability as original TEMCO parts.

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#### REDUCED SERVICE LIFE.

The frequently encountered **INFERIOR** auto parts can be a source of wear and tear and vehicle damage that simutan -eously increases repair & maintenance costs and shortens the life of the vehicle.

#### LESS DRIVING PLEASURE

**INFERIOR** auto parts are not tested for compatibility with the models for which they are offered. They cannot ensure the same driving dynamics and safety as genuine TEMCO parts.

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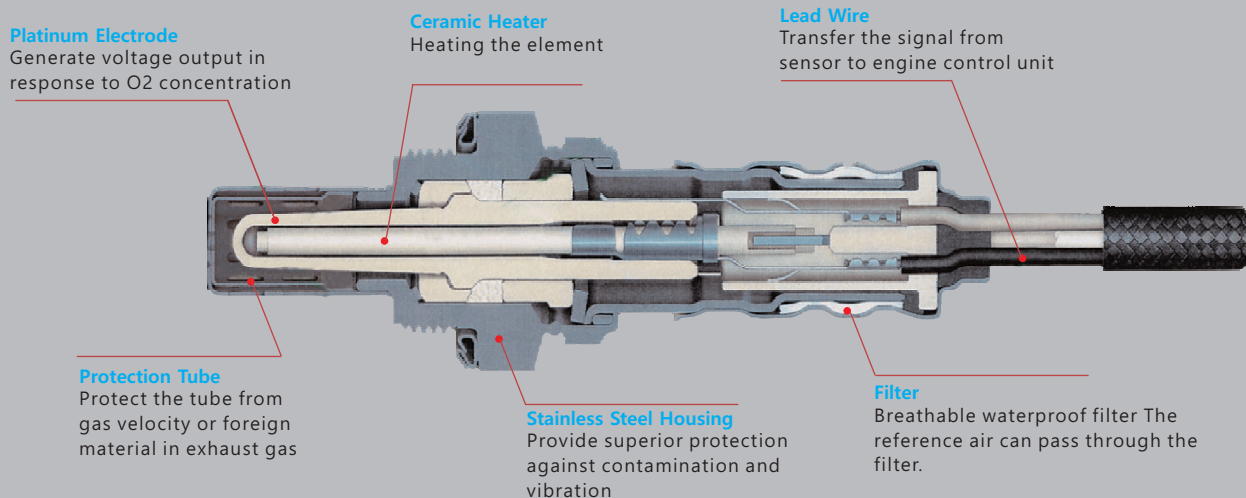


Premium Quality

# OXYGEN SENSOR

Quiet!  
Durable!  
Reliable!

Don't compromise your safety with inferior quality O2 sensor



IMPROVED ENGINE  
RESPONSE AND  
PERFORMANCE

LOWER  
EMISSIONS

IMPROVED  
FUEL ECONOMY

LONGER  
SENSOR LIFE

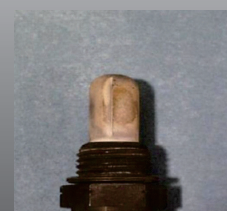
MEET OE  
SPECIFICATION



Rich Fuel Mixture



Lead Poisoning



Silicon Poisoning

## SYMPTOMS OF DEFECTIVE OXYGEN SENSOR WITH INFERIOR QUALITY



Ethylene Glycol  
(Antifreeze) Contamination



External oil contamination



Broken Signal Line

REPLACE WITH TEMCO HIGH QUALITY OXYGEN SENSOR FOR BETTER PERFORMANCE AND A CLEANER ENVIRONMENT

### DURABLE, RELIABLE & DEPENDABLE

TEMCO high-quality oxygen sensors are precision made for outstanding performance & manufactured to meet and exceed all original equipment specification and test requirements 100% OEM. Safety risks of inferior O2 sensor include:

- **Increased emissions:** Inferior sensors contribute to increased emissions, harming the environment.
- **Decreased Fuel Economy:** When the O2 sensor fails, the computer won't receive accurate readings of the air-fuel mixture, leading to reduced fuel efficiency & lower gas mileage.
- **Engine Damage:** A constantly rich fuel mixture can cause excessive wear on the engine components
- **Reduced engine power:** A lean fuel mixture can lead to a lack of power and hesitation during acceleration.



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**BIG RISK!**

**Wear!  
Misalignment!  
Risk of failure!**

**Don't compromise your safety with inferior quality Control arm**



**TEMCO  
Premium**

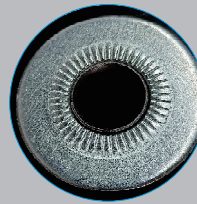
**Inferior  
Quality**



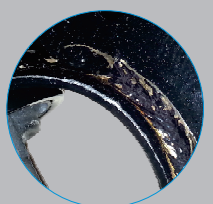
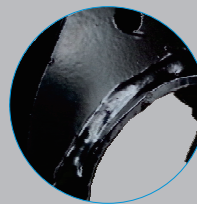
**THICKER:** A thicker control arm can handle greater forces from bumps, potholes, and aggressive cornering without bending or breaking. This translates to a longer lifespan for the component and reduces the risk of suspension failure



**HEAVIER:** A heavier control arm with more mass can absorb vibrations from road imperfections better. This translates to a quieter and more comfortable ride for passengers.



**BETTER BUSHING:** Worn-out control arm bushings allow excess movement between the control arm & other suspension components. Better bushings minimize this deflection, allowing the wheels to maintain proper alignment and react more directly to steering commands.



**LASER WELDING:** With better control over the laser beam, the weld becomes more focused & penetrates deeper. This creates a stronger bond between the parts of the control arm, improving its overall strength & durability.

**DURABLE, RELIABLE & DEPENDABLE**

TEMCO high-quality control arm offers a significant improvement in ride quality, handling, safety, and durability compared to inferior-quality options.

Safety risks of inferior control arm:

- Increased Risk of Failure.
- Loss of Vehicle Control.
- Compromised Braking Performance
- Uneven Tire Wear
- Reduced Handling and Stability



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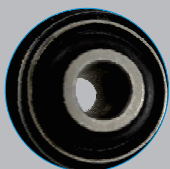
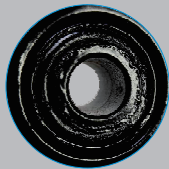
BIG RISK!

Wear!  
Misalignment!  
Risk of failure!

Don't compromise your safety with inferior quality shock absorber

TEMCO  
Premium

Inferior  
Quality



**BEARING:** Premium high quality materials like low-friction polymers, stronger steel races, and robust seals ensure smooth operation, minimize wear, and protect internal components from dirt and moisture. Inferior quality uses weaker plastics, softer metals, and is less effective which leads to increased friction, faster wear, and potential damage from contaminants.

**PISTON:** Premium quality are made from high-quality, wear-resistant materials like chrome-plated steel. This ensures a smooth, friction-reducing surface and resists corrosion. Inferior quality uses lower-grade steel or softer materials that are more prone to wear & tear. This can lead to increased friction & reduced damping effectiveness.



**HEAVIER:** A lighter shock could use cheaper, weaker materials that compromise performance & durability.



**STRONGER:** A thicker steel & larger pistons could handle heavier vehicles and provide high-performance applications.

**SUPPORT:** Premium quality is precisely engineered to ensure proper fit and minimize stress on the mount. Including additional bushings and reinforcements for better handling and noise reduction.



WORN SHOCK  
ABSORBER BEARING  
INFERIOR QUALITY

NORMAL WORN SHOCK  
ABSORBER BEARING  
PREMIUM QUALITY



WORN RUBBER  
TOP SHOCK ABSORBER  
INFERIOR QUALITY

NORMAL WORN RUBBER  
TOP SHOCK ABSORBER  
INFERIOR QUALITY

**DURABLE, RELIABLE & DEPENDABLE**

TEMCO high-quality shock absorbers offers a significant improvement in ride quality, handling, safety, and durability compared to inferior-quality options.

Safety risks of inferior shock absorber:

- Increased Stopping Distance.
- Reduced Handling.
- Hydroplaning Risk
- Loss of Vehicle Stability
- Potential for Bottoming Out



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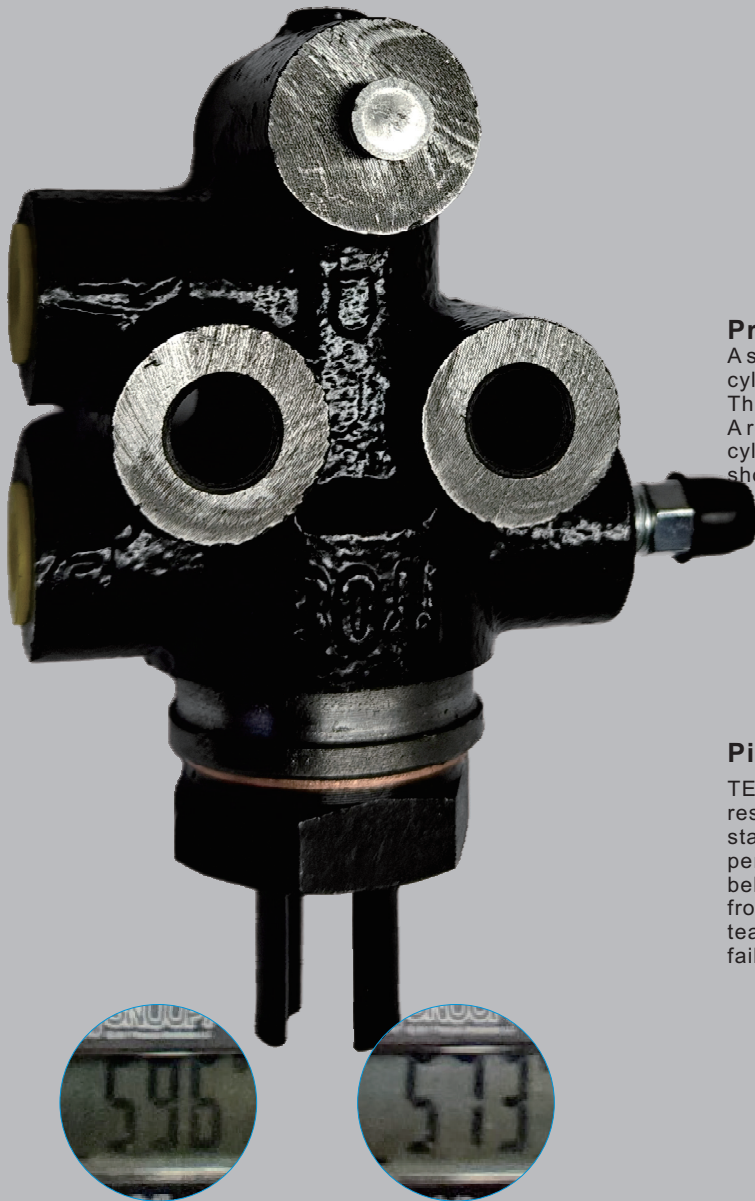
Small gain

# BIG RISK!

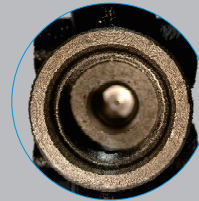
Inferior hydraulic parts not only hurts the vehicle but also the PASSENGER!

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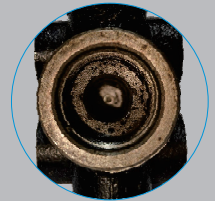
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Premium**



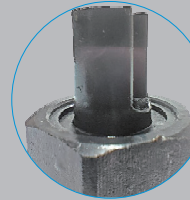
**Inferior  
Quality**



### Precise vs. Rough Cylinder Finishing:

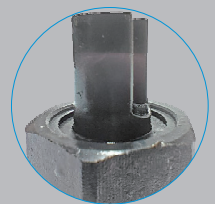
A smooth surface reduces friction between the piston rings and cylinder wall, leading to less wear and tear on both components. This extends cylinder life and reduces maintenance costs.

A rough surface creates friction between the piston rings and cylinder wall, leading to increased wear and tear on both. This shortens engine life and increases maintenance costs.



### Pistons:

TEMCO wheel cylinder pistons are made from strong, wear-resistant cast iron with proper heat treatment for dimensional stability. It is essential for maintaining safe braking. Consistent performance and reliable sealing ensure predictable braking behavior in any situation. Pistons of inferior quality may be made from softer & weaker materials that are more prone to wear & tear. It compromises safety and might lead to potential leaks & failure



### Cylinder Body:

TEMCO wheel cylinders are crafted from high-strength steel, expertly tempered for exceptional rigidity & resistance to bending under pressure. The surface finish is meticulously smoothed to reduce friction, promoting smooth operation & minimizing wear on the piston and seals. This maximizes braking efficiency and ensures long-lasting performance.

### Rod:

TEMCO rod are made from high-strength steel or aluminum alloys with proper tempering for rigidity & resistance to bending. It ensures accurate dimensions and a perfect fit with the piston and wheel cylinder bore. The surface finish is smooth for minimal friction. Inferior quality are made from weaker material, which may bend or even break under pressure, especially during hard braking.

### DURABLE, RELIABLE & DEPENDABLE

Safety risks of inferior hydraulic parts:

- Inferior raw material thinner & lighter.
- Very poor quality piston.
- Insufficient strength and stability.

Possible consequences:

- Reduced performance
- Safety Concerns
- Increased risk of failure
- Shorter Lifespan



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# ULTRA PREMIUM HYDRAULIC

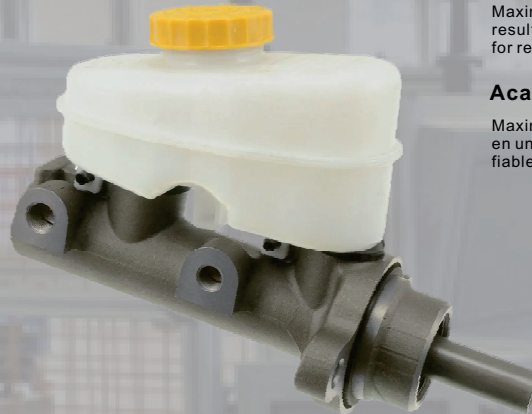
## BRAKE MASTER CYLINDER CILINDRO MAESTRO DE FRENO

### OEM style reservoir connection

Ensures a leak-free seal and prevents contamination

### Conexión de depósito estilo OEM

Garantiza un sellado sin fugas y evita la contaminación



### Ultra-smooth cylinder bore finish

Maximizes performance resulting in longer service life for reliable braking

### Acabado ultra suave del orificio del cilindro

Maximiza el rendimiento, lo que se traduce en una vida útil más larga para un frenado fiable

### Metales de calidad y componentes avanzados

Previene la reacción química que puede conducir a la corrosión y a la falla prematura

### Quality metals and advanced components

Prevents chemical reaction that may lead to corrosion and early failure

## BRAKE WHEEL CYLINDER CILINDRO DE RUEDA DE FRENO

### Ethylene Propylene Rubber (EPDM)

Prevents leakage, offers superior resistance to heat and corrosion & ensures a longer service life

### Caucho de etileno propileno (EPDM)

Evita fugas, ofrece una resistencia superior al calor y a la corrosión y garantiza una vida útil más larga



### Anodizing applied cylinder bodies

Strengthens metal surfaces for smooth operation of the piston while resisting corrosion

### Anodizado de cuerpos de cilindros aplicados

Fortalece las superficies metálicas para un funcionamiento suave del pistón mientras resiste la corrosión

### Quick-response OEM design

Reacts quickly to driver's brake pedal input

### Diseño OEM de respuesta rápida

Reacciona rápidamente a la entrada del pedal de freno del conductor.

## BRAKE BOOSTER BOOSTER DE FRENO

### Engineered to exact OE specification

Delivery ideal air pressure and smooth braking action

### Diseñado según las especificaciones exactas de los equipos originales

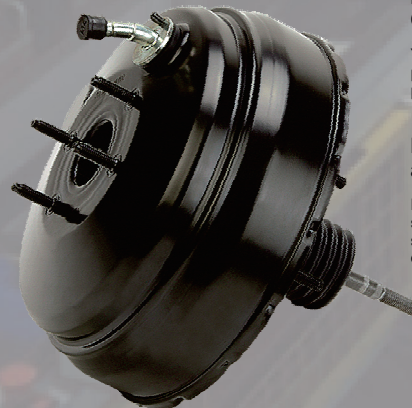
Entrega de una presión de aire ideal y una acción de frenado suave

### Quicker response time & better brake fluid flow

Provides improved brake feel

### Tiempo de respuesta más rápido y mejor flujo de líquido de frenos

Proporciona una mejor sensación de frenado



### Manufactured with the highest quality OE materials and exacting tolerances

Yields maximum durability, precise pedal feel, safe vehicle operation and prevention of driver fatigue

### Fabricado con materiales OE de la más alta calidad y tolerancias exactas

Proporciona la máxima durabilidad, una sensación precisa del pedal, un funcionamiento seguro del vehículo y la prevención de la fatiga del conductor

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## DURABLE, RELIABLE & DEPENDABLE

TEMCO brake master cylinders, brake wheel cylinders and brake boosters are designed and tested to meet OE requirements for durability and reliability under extreme conditions. They provide superior brake experience. These hydraulic parts ensure consistent & smooth braking experience under extreme conditions and features highest grade raw material which protects against corrosion





Premium quality

# FUEL PUMP

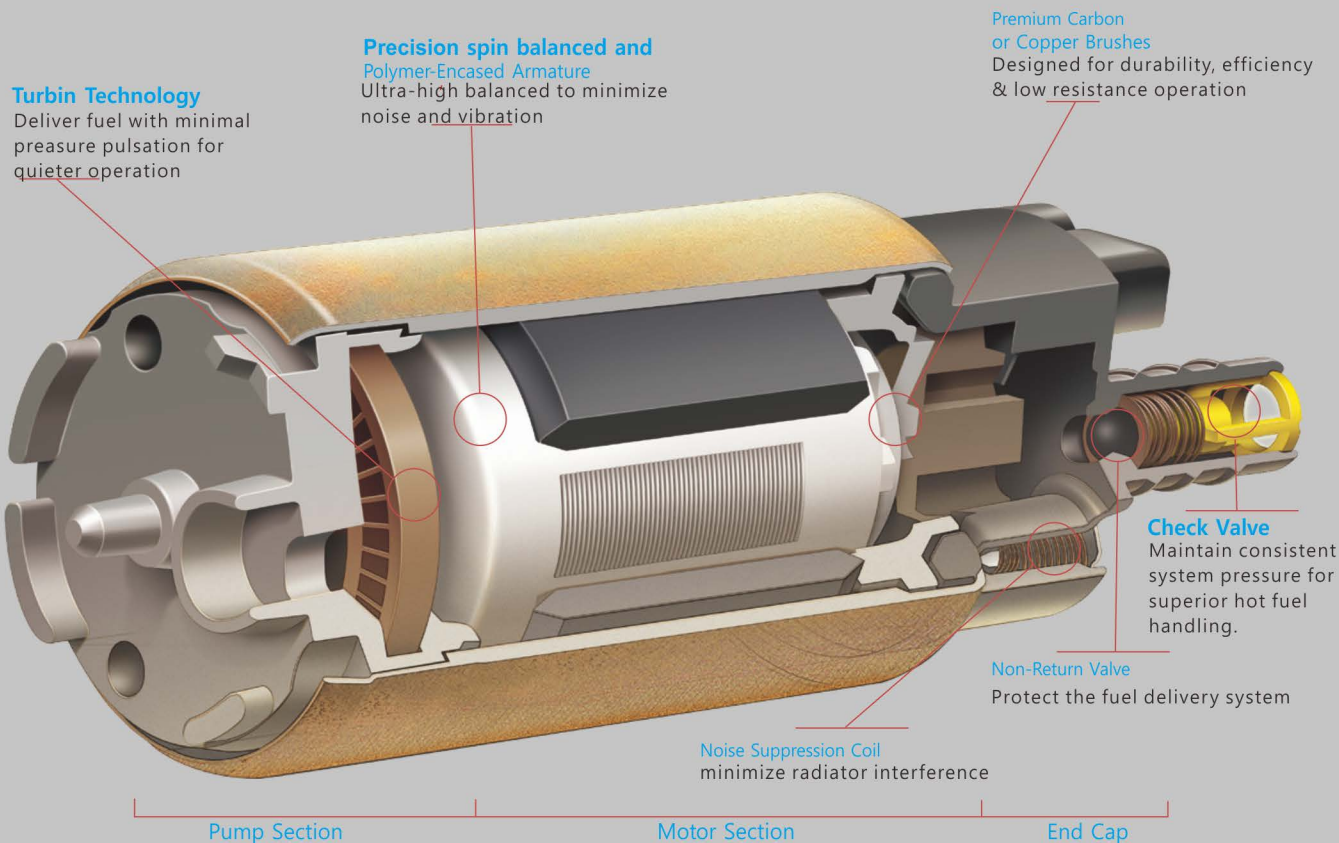
Quiet!  
Durable!  
Reliable!

Don't compromise your safety with inferior quality fuel pump

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## TEMCO Turbine Fuel Pumps

TEMCO brings the benefits of turbine fuel pumps to the aftermarket for late-model vehicles, as well as for many earlier applications with older technology fuel pump. The superior design of TEMCO Turbine Pumps virtually eliminates fuel pulsation and noise, reduces hot-start problems, and prevents on-board electronics interference with the best electromagnetic shielding in the industry. These pumps are produced with ISO9001 & IATF16949 quality accredited production lines, built and tested to the OE fit, form, function and quality standard to ensure a long, reliable service life

## Enhanced Product Design & Performance

TEMCO state-of-the-art turbine fuel pumps offer many advantages when compared to older roller-cell and inner-gear pump designs. TEMCO turbine pump design offers silent operation and eliminate fuel pulsation for improved drivability. In addition the core components of this turbine design never come in

## Superior Turbine Pump Design

contact with one another, significantly reducing wear & delivering a longer service life.

**Impeller ring** unique design features evenly-spaced blades to eliminate fuel pulsation and unstable fuel pressure & combustion problems

**Precision, spin-balanced armature** allows operation in excess of 7,000 rpm while reducing noise & vibration for quiet operation, & **polymer encasing** reduces turbulence in the pump & protects the windings from contamination that can shorten service life.

**Premium carbon brushes** have an even surface for more direct contact and utilize advanced materials for longer, reliable service life.

**Noise suppression** coil virtually eliminates radio frequency interference.

**Non-return valve** maintains fuel system pressure between starts, reducing vapor lock and hot start problems

**Inferior quality fuel pump** usually are made with cheaper materials & less robust construction methods, these pumps are more susceptible to wear & tear, leading to shorter lifespans & potential breakdowns. It may cause engine hesitation, reduced fuel efficiency, & even damage to the engine



## DURABLE, RELIABLE & DEPENDABLE

TEMCO high-quality fuel pumps offers a significant improvement in ride quality, handling, safety, and durability compared to inferior-quality options. Safety risks of **inferior fuel pumps** include

- **Fire Hazard:** Leaks or malfunctions in the pump can lead to fuel spills. Inferior materials is more prone to cracking or breaking, increasing the risk of leaks & leaked fuel might ignite, causing a fire.
- **Engine Failure:** Inconsistent fuel pressure and flow from a failing pump can disrupt engine operation.
- **Reduced Power & Control:** Engine output will be limited if the pump can't deliver fuel at the correct pressure,
- **Emissions Issues:** Incomplete fuel combustion leads to leads to a higher concentration of unburnt fuel in the exhaust, increasing harmful emissions released into the environment.



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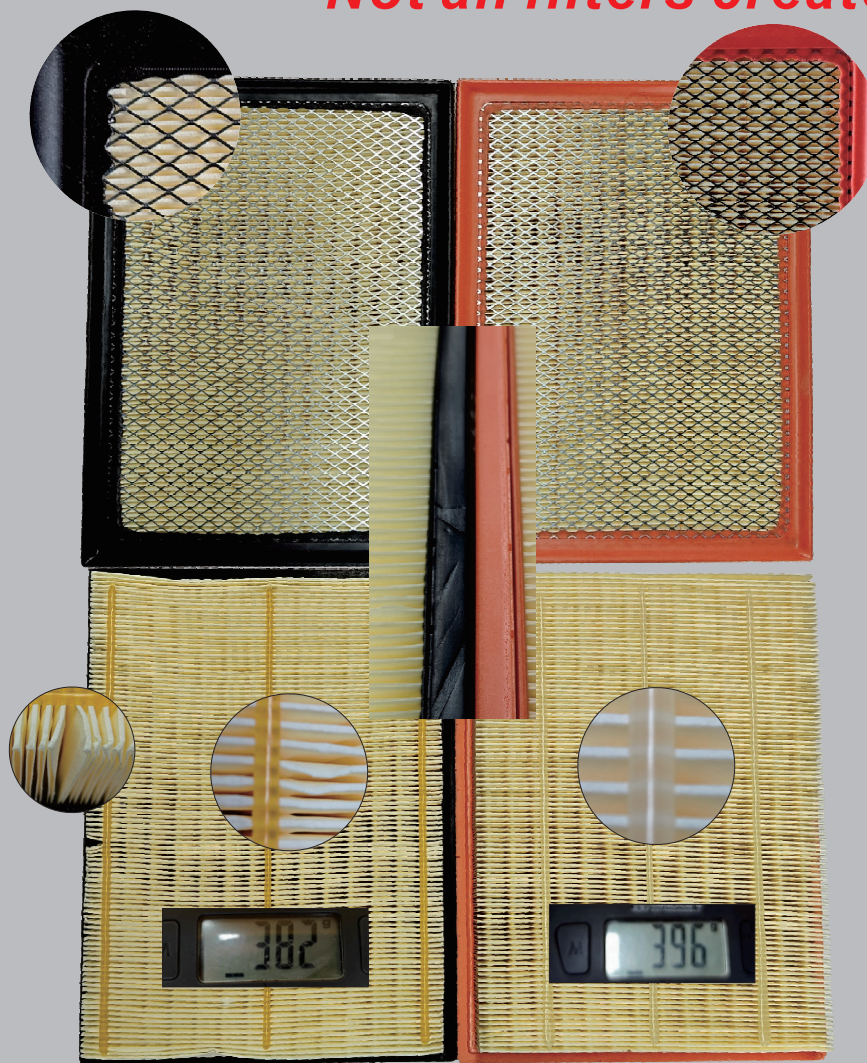




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**BIG RISK!**

**Not all filters created equal!**



**FILTRATION EFFICIENCY**

TEMCO High-Quality Filters effectively trap dirt, dust and other debris, preventing them from entering the engine. They provide maximum filtration and help maintain engine health. Inferior-Quality Filters may have subpar filtration capabilities, allowing more contaminants to pass through. As a result, they can compromise engine performance and longevity

**MATERIAL AND DESIGN.**

TEMCO High-Quality Filters are typically made of oiled cotton or other advanced filtration paper that are designed for durability and efficiency. Our extensive experience in crafting such filters Inferior-Quality Filters are constructed from basic paper material, that degrade faster and offer less filtration efficiency.

**LONGEVITY:**

TEMCO High-Quality Filters can last a long time with proper maintenance, these filters. Inferior-Quality Filters may need more frequent replacements due to their limited capacity to hold debris

**AIRFLOW**

TEMCO High-quality Filters are designed to allow sufficient airflow while maintaining good filtration. This ensures the engine gets the proper amount of oxygen for optimal performance. Inferior-Quality Filters may restrict airflow too much, reducing engine power and fuel efficiency.



**DURABLE, RELIABLE & DEPENDABLE**

TEMCO High-quality: Protects your engine, improves performance and fuel efficiency, and provides a cleaner, healthier cabin environment. Safety risks of inferior air filters include:

- **Reduced Filtration Efficiency:** Inferior filters may not effectively trap dirt, dust, and other contaminants. These particles can lead to potential damage and decreased performance
- **Shorter Lifespan:** Inferior-quality filters may require more frequent replacements, adding to costs.
- **Engine Wear and Tear:** Inferior filters can allow unfiltered air to reach the engine and lead to increased wear and tear, affecting the longevity of critical engine components
- **Risk of Equipment Failure:** Inferior ones can contaminate components, clog oil filters, & lead to temperature control valve failure. Hi-tem operation increases the risk of equipment breakdown.

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 **RAW MATERIAL**

TEMCO discs use high-grade special grey cast iron in accordance with EN-GJL200 grade the GG20 European standard and G3000 American standard

 Drums braking surface runout  $\leq 0.05\text{mm}$

 Discs braking surface runout  $\leq 0.03\text{mm}$

 Dynamic balance  $\leq 80\text{g.cm}$

 E-coating provides excellent corrosion protection  
(Selected applications only)

 Covers over 90% of vehicles on the road today



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 **Flatness & Parallelism**

A precision control of the parallelism of friction surface allows to reduce the vibrations, guaranteeing a high level of comfort during braking, and shorter stopping distance





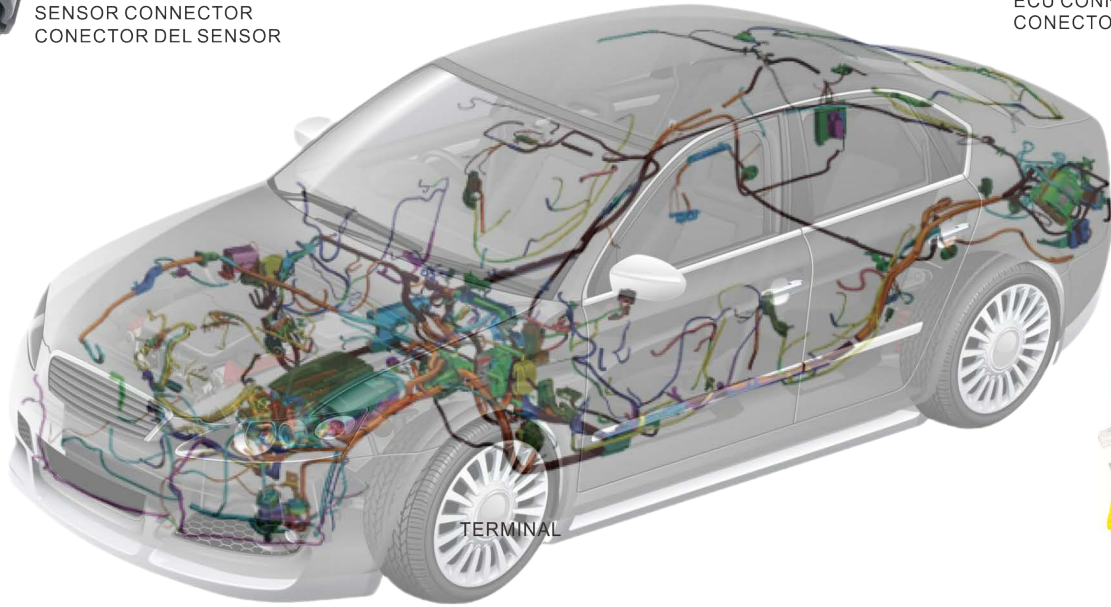


WIRE HARNESS  
MAZO DE CABLES

FUEL INJECTOR WIRE  
ALAMBRE DEL INYECTOR  
DE COMBUSTIBLE

SENSOR CONNECTOR  
CONECTOR DEL SENSOR

ECU CONNECTOR  
CONECTOR DEL SENSOR



TERMINAL



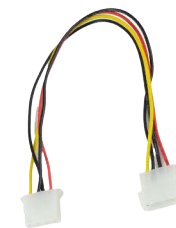
FUSE  
FUSIBLE



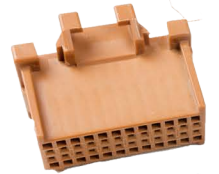
TERMINAL  
TERMINAL DE CABLE



LAMP SOCKET  
CASQUILLO DE LÁMPARA



POWER CONNECTOR  
CONECTOR DE ALIMENTACIÓN



BCM CONNECTOR  
CONECTOR BCM

Resistant to heat, oil, fatigue, aging and friction  
Resistente a la calor, al aceite, a la fatiga, al envejecimiento y a la fricción

High grade raw material enhance durability and length stability  
La materia prima de alta calidad mejora la durabilidad y la estabilidad de la longitud

OE fit, form & function deliver large power & high speed  
El ajuste, la forma y la función del equipo original ofrecen una gran potencia y alta velocidad

Excellent durability and flexibility in using  
Excelente durabilidad y flexibilidad de uso



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**Minimize shorting occurrence**  
**Minimice la ocurrencia de cortocircuitos**