

REMANUFACTURED PARTS



BREATHE NEW LIFE INTO YOUR VEHICLE

IVECO
BUS

Reman-Parts
REMANUFACTURED



2

YEARS WARRANTY ON REMAN ENGINES AND GEARBOXES!*



ASK YOUR AUTHORIZED IVECO BUS
DEALER FOR MORE INFORMATION.

*REMAN ENGINES SINCE JANUARY 2016
AND REMAN GEARBOXES SINCE JULY 2017.



BEST WARRANTY
IN THE MARKET

SERENITY

NO UNEXPECTED
COST GUARANTEED

SAFER SECOND LIFE
FOR VEHICLES

IVECO
BUS

Reman Parts
REMANUFACTURED

REMANUFACTURED PARTS BREATHE NEW LIFE INTO YOUR VEHICLE!

■ Choosing the Reman range means having complete confidence that the components fitted on your bus will be as efficient as brand new units. Thanks to the unrivalled know-how acquired over the last few decades, IVECO BUS is the ideal partner for such a complex and sophisticated process.

■ Cutting-edge technology, tailored tooling and equipment and stringent quality testing allow IVECO BUS to remanufacture essential components of your bus to the highest standards, ensuring the same high quality as genuine parts.



THE REMAN RANGE

The Reman range is continually evolving. It involves the remanufacture of the following products:

- COMPLETE ENGINES
 - LONG BLOCKS
 - CYLINDER HEADS
 - GEARBOXES
 - TURBOCHARGERS
 - ALTERNATORS
 - STARTERS
 - INJECTION SYSTEM
 - ELECTRONIC COMPONENTS
 - DIESEL PARTICULATE FILTER (DPF)
 - FLYWHEELS
 - STEERING COMPONENTS
 - BRAKE CALIPERS
- ... AND MUCH MORE.



MORE THAN REBUILDING OR RECYCLING

A HIGH STANDARD OF QUALITY SEPARATES US FROM THE COMPETITION.

IVECO BUS remanufactured parts are engineered specifically for IVECO BUS vehicles to provide the same functionality as genuine parts throughout the entire assembly. We do not just strip and fix!

WHAT REMANUFACTURING IS NOT!

THERE ARE SEVERAL TERMS THAT CAN BE CONFUSED WITH REMANUFACTURING.

RECYCLED

Recycled products are often removed from a scrap vehicle and resold with little or no work performed on the parts. Some recycled products are superficially cleaned, then boxed and sold.

Recycling is not the same as remanufacturing and reliability is questionable.

REPAIRED

This is when a product has had just enough work done to it to make it operational again.

Repairing a part is not as thorough as remanufacturing, so the product may not perform like new or last as long as a Reman part.

RESTORED/REFURBISHED

Generally applied to antique goods, this is when the work done to it is cosmetic and meant for display.

Remanufacturing is performance-based and brings a part up to current specifications.

USED

This is when a product has been used before and is not new.

Nothing has been done to repair it or correct any problems it may have. Because of this, it's impossible to measure the part's lifespan.



THE 5 KEY STEPS OF OUR REMANUFACTURING PROCESS



1 - DISASSEMBLING

All cores are completely disassembled for inspection.



2 - CLEANING

Each component is thoroughly cleaned and verified following the latest genuine parts specifications.



3 - INDUSTRIAL RECONDITIONING

All components are either brought back to the latest genuine parts specification or replaced with a new part.



4 - REASSEMBLING

The finished remanufactured part is reassembled.



5 - TESTING

The final product is tested to ensure the highest quality possible.



REMAN BENEFITS

SAVE ENERGY, SAVE MONEY!

1

BENEFIT FROM A QUALITY ECONOMICAL ALTERNATIVE

Thanks to Reman, you can benefit from high-quality remanufactured parts which meet the same technical requirements as new parts, whilst achieving savings of up to 30% on equivalent new.

2

OPTIMISE YOUR VEHICLE DOWNTIME

During very busy periods, reduce the time required to repair your vehicle. IVECO BUS Reman enables your dealer to improve productivity whilst guaranteeing the same levels of mechanical reliability, courtesy of pre-assembled, ready-to-install parts designed specifically for your IVECO BUS vehicles.

3

MINIMISE RISK

Reman offers an optimal support with a best-in-class warranty. On a replacement engine or gearbox, IVECO BUS Reman gives you an international parts warranty of up to two years, while the average dealer overhaul warranty covers max. 180 days.

4

BENEFIT FROM TECHNICALLY SUPERIOR PRODUCTS

REMAN parts are remanufactured by technicians who specialise in this activity, with excellent knowledge and expertise in all stages of the process. Since the core of each component is machined and fully refurbished, applying the latest modifications and technical specifications used on original parts, Reman products improve the performance of your old bus.





PROTECT THE ENVIRONMENT

5

Since more and more customers realise that a better environment means a better livelihood, IVECO BUS Reman is an example of how CNH Industrial Parts & Service adapts to meet consumers' changing buying habits and desires. Indeed, recycling used parts in mass quantities and rebuilding them generate financial savings in the remanufacturing process while using less energy and reusing precious natural resources.

6

REVALUE OLD VEHICLES

The age of your vehicle is inconsequential when you use quality parts for its maintenance. Buying IVECO BUS Reman parts enables you to upgrade your bus to the latest product specifications applied to genuine parts, but paying much less.

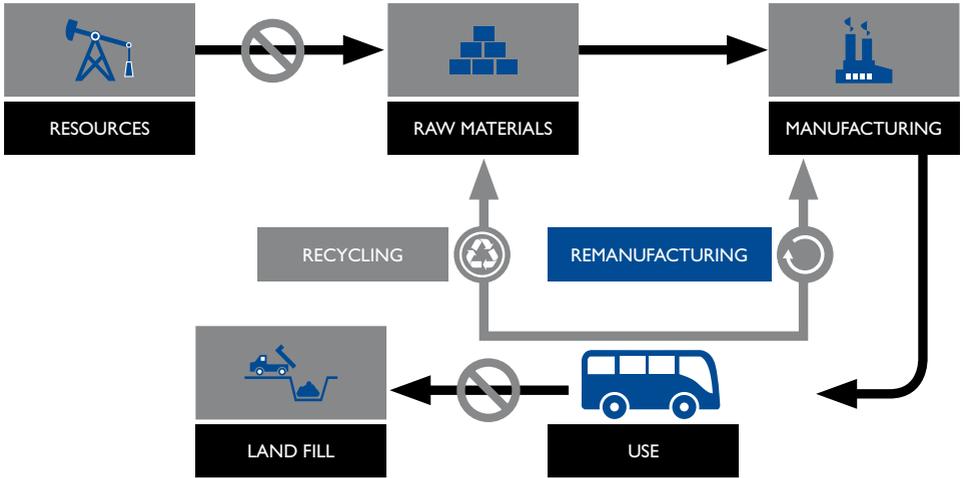


THE FLOW OF REMAN

REMANUFACTURING AND THE CIRCULAR LIFECYCLE

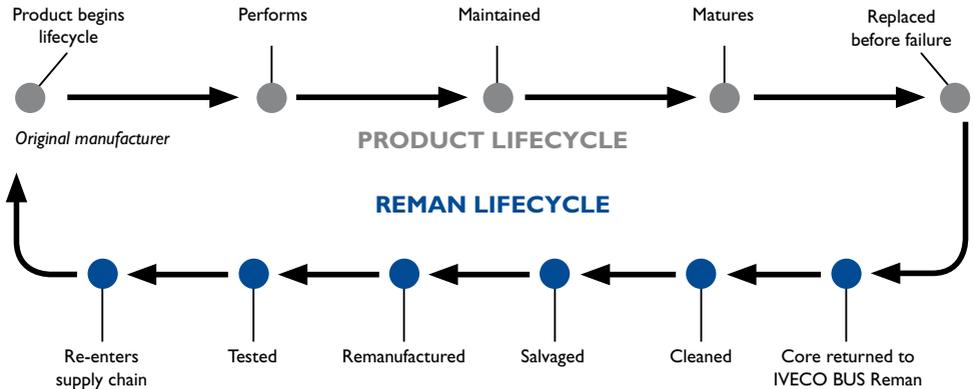
The figures below represent the ideal circular flow of the remanufacturing process. Thus, there is no need for additional resources and used components are kept out of landfills. By adhering to this process, IVECO BUS Reman is able to offer cost effective components that are environmentally sustainable.

RESOURCE LIFECYCLE



Source: Centre for Resource Efficient Manufacturing Systems.

PRODUCT LIFECYCLE / REMAN LIFECYCLE



IVECO BUS REMAN RANGE OVERVIEW

Over the past decades, we have invested in the most sophisticated precision tools, machinery and stringent quality processes that are key to our current product range. Therefore, IVECO BUS Reman products rely on quality standards that are as high as genuine parts, but cost much less!

COMPLETE ENGINES

Save time with Reman engines: installation time compared to an out-of-frame overhaul is 70% less!

Our Reman complete engines include the following families:

- Tector
- Cursor

They are available for buses up to Euro 6!

DID YOU KNOW IT?

The international warranty coverage for our Reman engines is now **2 years!**



LONG BLOCKS

The long block is the heart of the engine and it covers 100% of the range of the application.

DID YOU KNOW IT?

IVECO BUS Long Block engines give you value: installation time compared to an out-of-frame overhaul is 40-50% less.



DRIVELINES

Our driveline product range includes gearboxes, axle heads, rear axles, steering and clutches. All IVECO BUS remanufactured driveline parts are 100% disassembled, meticulously cleaned, and inspected or machined to the latest upgrades to meet IVECO BUS genuine equipment specifications. By adhering to these practices, reliability is built into every part!

DID YOU KNOW IT?

■ In our concern to meet always better your needs, we extended our gearboxes range to Z.F and Voith automatic gearboxes! **NEW**

■ Since July 2017, the international warranty coverage for gearboxes is **2 years!**



INJECTION SYSTEMS

We strive to provide you with the very best fuel injectors and fuel pumps available in the marketplace. We have heavily invested in technology, training and people so that every fuel product that comes out of our remanufacturing factories is superior in every way!

DID YOU KNOW IT?

■ We now offer over 600 diesel fuel products, including products for electronic and high pressure common rail systems.

■ All our injection systems benefit from a 12 month warranty on parts & labour.



ROTATING ELECTRICAL

Our remanufactured starters and alternators provide a low-cost repair option that meets or exceeds genuine parts specifications.

DID YOU KNOW IT?

Our Reman Starters and Alternators are backed by a 1 year/unlimited hour warranty (if installed by authorised IVECO BUS dealer).



TURBOCHARGERS

Turbo is a device which increases the mass of air entering into the engine by a turbine driven by exhaust air flow. Reman Turbo parts are engineered specifically for IVECO buses and provide good as genuine parts' functionality throughout the entire assembly.



DID YOU KNOW IT?

The turbo or variable geometry turbocharger ensures high torque values at low revs; on the road, the first tangible advantages of this solution are:

- Engine responsiveness and the high power of the IVECO BUS turbo brake.
- Superior driving comfort ensured.
- Optimisation of combustion and the consequent reduction in consumption.

DIESEL PARTICULATE FILTERS (DPF)

A Diesel Particulate Filter (DPF) is a device that physically captures particle emission in exhaust gases to prevent their release to the atmosphere.



DID YOU KNOW IT?

■ During normal driving, the exhaust gas and soot particles cross through the DPF porous walls and a layer of ash.



It increases pressure on the filter and fuel consumption.

■ During low speeds in urban traffic, the filter regeneration process occurs less than at road speeds.



A more frequent cleaning of the DPF is needed if you drive on city streets.

With our IVECO BUS Reman DPF, nothing is left to chance: Do a quick filter exchange to get your bus back to work and you'll get significant cost savings!



ELECTRONICS

IVECO BUS Reman currently offers Electronic Control Units (ECUs) and is constantly looking to expand its range.



DID YOU KNOW IT?

When the remanufacturing process is complete, the ECUs pass through rigorous durability test requirements. Therefore, you can rest assured these remanufactured parts will provide the same performance and reliability as genuine parts, including in heavy-duty application environments like severe vibration, extreme operation temperature ranges, humidity, corrosion and excessive dust.



IVECO BUS REMAN: TRY IT AND ADOPT IT!

4 GOOD REASONS TO CHOOSE IVECO BUS REMAN:



VALUE FOR MONEY



QUALITY & PERFORMANCE



BEST-IN-CLASS WARRANTY



ENVIRONMENTAL PROTECTION







IVECO
BUS



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