



The Reman by Manitou offers provide you a responsible alternative in addition to the Manitou Original new part offer.

The Reman by Manitou offer ensures you a level of quality and warranty equivalent to the new part offer.

Saving raw materials in its remanufacturing process allows us to offer better pricing.







Cost-effective



Safety



Eco-friendly



TCO





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1.1) ReMAN by Manitou definition

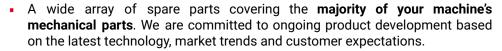
Manitou offers a wide selection of spare parts under the "remanufacturing" program to keep your machine in top condition. That's REMAN by Manitou.

The Manitou REMAN program is:



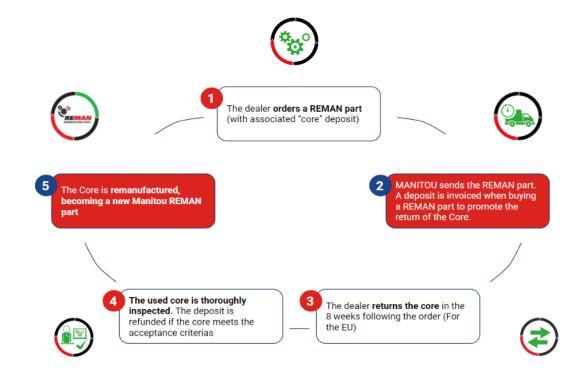
A wide range of spare parts that provide a like new performance.







• **Eco-friendly products**: Using standard spare parts reduce the environmental impact of your activities (less waste, higher product's life)





1.2) Advantages of the Reman offer



- Price: REMAN spare parts provide a cost-effective alternative to new parts. Save up to 30%.
- Availability: We strive to maintain adequate stock levels to immediately meet your needs. However, if a part is not available, we will meet your order as soon as possible.
- Quality: Manitou REMAN parts are completely remanufactured from their core by skilled and qualified suppliers, using Manitou genuine spare parts only. Parts are individually assessed in a test for validation and certification. Just the same as a new part!
- Warranty: Manitou REMAN parts are returned to the same product quality as corresponding Manitou genuine spare parts. Spare parts and labor are covered for 6 months starting on the date of installation or for 12 months from the invoice date, whichever is sooner.

1.3) Reminder of good practices on the Core return

The REMAN activity is driven by 2 main indicators which we monitor:

- The % of Core return per product family
- The % of Repairability per product family

Obviously, even if all returned, not all the Cores can be remanufactured. In addition, not returning the Core to Manitou led to a lack of used parts to be remanufactured and a break in the supply chain.

We analyzed the performance of those 2 indicators between 2019 and 2022:

































The Reman offer is part of Manitou CSR Roadmap. We strive to keep improving our offer and process to make it as environmentally friendly & easy as possible.

We really need your involvement to respect the process and do your part by returning the Cores after each Reman order.

PRODUCT FAMILIES & ACCEPTANCE CRITERIAS

The used part must comply with the following conditions for its validation:

- Complete part
- Not disassembled
- No external damage (impact, cracks...)
- No corrosion
- All parts must be properly packed in the original REMAN packaging, or with the original bottom support for handling.
- · In good return conditions: thoroughly drained and cleaned
- All part must have a tracking label (sent with the Manitou REMAN part)



2.1) Complete engine & components

COMPLETE ENGINE

The items below must not be sent with the core:

- Flywheel housing
- Starter motor
- Alternator & alternator support
- Belts
- Diesel fuel filters
- Fuel system with feed pump
- Manifolds (if atmospheric engines)
- Water and oil temperature sensor
- Ancillary equipment
- Hydraulic pump.



Criterias	Details
Original packaging of the Reman part (or equivalent)	V
Bottom support for handling	V
Good condition	✔ Block not cracked No sign of impact Thoroughly cleaned
Used product complete and non disassembled	✓ Disassembly authorized for inspection only
Decontamination (oil, grease and fluids)	✓ Drained
No leaks	✓ Lubrication, fuel, coolant systems correctly plugged
No sign of repair	✓ Disassembly authorized for inspection only
Return labels completed (x2)	





ALTERNATOR

The deposit will not be reimbursed if liquid is found within the alternator (water, diesel fuel, oil coolant)

Criterias	Details
Original packaging of the Reman part (or equivalent)	V
Bottom support for handling	X Does not apply
Good condition	 ✓ The used part will not be accepted if: Carter is broken or damaged There is significant presence of corrosion
Product complete and non disassembled	✓ No authorized disassembly. The alternator pulley must be included if it is sold with the remanufactured part.
Decontamination (oil, grease and fluids)	X Does not apply
No leaks	X Does not apply
No signs of repair	V
Return labels completed (x2)	The state of the s



STARTER MOTOR



The deposit will not be reimbursed if the starter has been spun by the engine due to high centrifugal force or if liquid is found within the starter motor (water, diesel fuel, oil, coolant)

Criterias	Details
Original packaging of the Reman part (or equivalent)	V
Bottom support for handling	X Does not apply
Good condition	✓ Nose housing without cracks No significant presence of corrosion
Product complete and non disassembled	√ No authorized disassembly
Decontamination (oil, grease and fluids)	X Does not apply
No leaks	X Does not apply
No signs of repair	V
Return labels completed (x2)	



FUEL INJECTOR



Criterias	Details
Original packaging of the Reman part (or equivalent)	V
Bottom support for handling	XDoes not apply
Good condition	 ✓ The used part will not be accepted if: Injector is bent or broken. No damage should be on the nozzle dip There is significant presence of corrosion
Product complete and non disassembled	✓ No authorized disassembly, injector must be complete
Decontamination (oil, grease and fluids)	X Does not apply
No leaks	X Does not apply
No signs of repair	✓
Return labels completed (x2)	



INJECTION PUMP



Corrosion in the injection pump may result in irreparable damage. If the pump is corroded, we recommend not to send it under the REMAN program.

Criterias	Details
Original packaging of the Reman part (or equivalent)	✓ Pack the core in a plastic bag
Bottom support for handling	XDoes not apply
Good condition	✓ Case not cracked No sign of impact Thoroughly cleaned The drive shaft must turn with a certain resistance.
Product complete and non disassembled	✓
Decontamination (oil, grease and fluids)	✓ Drained
No leaks	✓ Fuel system correctly plugged
No signs of repair	V
Return labels completed (x2)	Section of the sectio



TURBOCHARGER

The part will be considered as unrepairable if:

- Missing components (housing, actuator or control)
- Turbocharger disassembled
- Broken or shocked actuator
- Crankcase damaged



Criterias	Details
Original packaging of the Reman part (or equivalent)	V
Bottom support for handling	XDoes not apply
Good condition	✓ Case not cracked No sign of impact Thoroughly cleaned
Product complete and non disassembled	V
Decontamination (oil, grease and fluids)	V
No leaks	V
No signs of repair	V
Return labels completed (x2)	CANCELLO CONTROL CONTR





DIESEL PARTICULATE FILTER

Criterias	Details
Original packaging of the Reman part (or equivalent)	✓ Pack the used part in a tightly closed plastic bag
Bottom support for handling	XDoes not apply
Good condition	 ✓- No external shock No soot traces on the 2 sides of filter Ceramic filter not damaged, and in its place into metallic case
Product complete and non disassembled	V
Decontamination (oil, grease and fluids)	★The presence of oil in the particle filter makes renovation impossible.
No leaks	▼Does not apply
No signs of repair	✓ No signs of filter unplugging
Return labels completed (x2)	





WATER PUMP

Criterias	Details
Original packaging of the Reman part (or equivalent)	✓ Pack the used part in plastic bag
Bottom support for handling	XDoes not apply
Good condition	✓ Housings and pulleys (if applicable) are not visibly cracked or broken. No non-operational damage (mishandling, excessive rust on machined surfaces, pitting or corrosion)
Product complete and non disassembled	√
Decontamination (oil, grease and fluids)	✓ Drained
No leaks	V
No signs of repair	V
Return labels completed (x2)	TOTAL





2.2) Transmission

COMPLETE GEARBOX

The following parts are not supplied under the Standard Replacements program: Torque converter, temperature sensor, oil pressure sensor.

Those parts must not be included when sending the gearbox or transmission. If they are sent with the gearbox, they will not be returned to you.

Criterias	Details
Original packaging of the Reman part (or equivalent)	V
Bottom support for handling	V
Good condition	✔ Case not cracked No sign of impact Thoroughly cleaned
Product complete and non disassembled	✓ Disassembly authorized for inspection only
Decontamination (oil, grease and fluids)	√ Drained
No leaks	✓ Lubrication system correctly plugged
No signs of repair	✓ Disassembly authorized for inspection only
Return labels completed (x2)	





BEVEL DRIVE

Criterias	Details
Original packaging of the Reman part (or equivalent)	V
Bottom support for handling	×
Good condition	✔ Case not cracked No sign of impact Thoroughly cleaned
Product complete and non disassembled	✓ Disassembly authorized for inspection only
Decontamination (oil, grease and fluids)	√ Drained
No leaks	✓ Lubrication system correctly plugged
No signs of repair	✓ Disassembly authorized for inspection only
Return labels completed (x2)	MANITO PROME TO THE PROPERTY OF THE PROPERTY





TORQUE CONVERTER

Criterias	Details
Original packaging of the Reman part (or equivalent)	V
Bottom support for handling	X Does not apply
Good condition	✔ Case not cracked No sign of impact Thoroughly cleaned
Product complete and non disassembled	V
Decontamination (oil, grease and fluids)	✓ Drained
No leaks	V
No signs of repair	✓
Return labels completed (x2)	TOTAL



2.3) Hydraulic



HYDROSTATIC PUMP

Refusal to reimburse the deposit amount if liquids are not drained properly (water, gasoline, oil, liquid coolant)

Criterias	Details
Original packaging of the Reman part (or equivalent)	V
Bottom support for handling	XDoes not apply
Good condition	Case not cracked No sign of impact Thoroughly cleaned
Product complete and non disassembled	✓ Disassembling not allowed
Decontamination (oil, grease and fluids)	✓ Drained
No leaks	✓ System correctly plugged
No signs of repair	V Repairs not allowed
Return labels completed (x2)	AAAIIS TOTAL TOTAL TOTA





HYDROSTATIC MOTOR

Refusal to reimburse the deposit amount if liquids are not drained properly (water, gasoline, oil, liquid coolant)

Criterias	Details
Original packaging of the Reman part (or equivalent)	V
Bottom support for handling	XDoes not apply
Good condition	✔ Case not cracked No sign of impact Thoroughly cleaned
Used product complete and non disassembled	V Disassembling not allowed
Decontamination (oil, grease and fluids)	✓ Drained
No leaks	✓ System correctly plugged
No sign of repair	V Repairs not allowed
Return labels completed (x2)	





HYDRAULIC PUMP

Refusal to reimburse the deposit amount if liquids are not drained properly (water, gasoline, oil, liquid coolant)

Criterias	Details
Original packaging of the Reman part (or equivalent)	V
Bottom support for handling	XDoes not apply
Good condition	✔ Case not cracked No sign of impact Thoroughly cleaned
Used product complete and non disassembled	V Disassembling not allowed
Decontamination (oil, grease and fluids)	✓ Drained
No leaks	✓ Fuel system correctly plugged
No sign of repair	V Repairs not allowed
Return labels completed (x2)	



2.4) Electronic

REMOTE CONTROL



Core will be considered as irreparable if:

- -part is missing (carter, joystick, ...) -transmitter is disassembled
- -too much rust

Criterias	Details
Good condition	✓ Good general condition. Case could be damaged but in one piece
Non disassembled core	✔Disassembly allowed only for diagnostic
No signs of repair	✓ Disassembly allowed only for diagnostic
Light oxidation or light rust	✓ No significant corrosion on the cards and / or on controls. No stagnant water inside the transmitter
Return labels completed (x2)	





CORE RETURN: METHODOLOGIES TO APPLY

At Manitou, we know the transport can be a deal breaker when it comes to the Core return. This is why we continue to improve our customers' experiences. The free of charge Core return contributes to this.

Despite our desire for simplification, there are still 2 methodologies to follow, depending on the part ordered.

3.1) Methodology A: Manitou free of charge Core return

When you buy a Manitou REMAN product or standard replacement, the reference number for the part includes the acronyms E.S or ESA for Manitou. The REMAN product is sent to you with two identical "return labels" (Except for DEUTZ Complete Engine, see Methodology B).

 \rightarrow Model of E.S. label (both sides)



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Son état du conditionnement	Packaging in good condition
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Son état du Sacle de manutention	Mandling base must be in good condition
Selle Continue of Males re	_
San état général extérieur de la	Core aspect
contreportie	
Statement and any January	Net should, not availed
Contreportie complète	Complete core
Contrepartie non démantée	Core not disassembled
Contrepartie dépalluée	Core decontaminated
RelCayley viCangle	Claimed / Craimed
Contrepartie sans fuite	Cone leakless
Notice and a second	O) we be also
Contrepartie sons trace de réparations	Care without repair attempts
Piche de renseignement complémentaire	Information sheet
Ammylita y concerné	Se displayed on a securous

These labels are also for sale in case or loss or need, under reference number 958310.

→ Returning used parts:

All orders for REMAN by Manitou parts must be returned within 8 weeks.

Transportation costs for core return will be taken in charge by MANITOU for the following countries:

France / Belgium / Netherlands / Luxembourg / Germany

Austria / Spain / Poland / Finland / Sweden / Denmark / Czech Republic

Hungary / Estonia / Latvia / Lithuania / Slovakia



1- IMPERATIVELY include these two labels. One must be stuck outside the parcel, and must be readable. The second one must be inserted inside the parcel.

2- To ask for transport:

- a) Fill-in CORE REMAN RETURN FORM (see example below).
- Be sure to give every information needed.
- Give the initial order number linked to the core return in "REMAN Order nb" field. It is **mandatory** to reimburse core deposits.
 - b) Send by mail the form to reman.return@manitou-group.com
 - c) Our carrier will pick up the parcel free of charge to your location. Reminder:



Only for next countries: France / Belgium / Netherlands / Luxembourg / Germany / Austria / Spain / Poland / Finland / Sweden / Denmark / Czech Republic / Hungary / Estonia / Latvia / Lithuania / Slovakia

Reman return form example:

	PICK UP ORDER / ORDEN DE RESERVA / ORDRE D'ENLEVEMENT / TRANSPORTANFRAGE					
	Contact E-mail : reman.return@manitou-group.com					
	Date / Fecha / Date / Datum : 27/10/2022					
	Exporter / Exportador / Exportateur Shipment number / Numero exportateur	r / Absender : Adress / Dirección / Adresse / Anschrift Zip Code / Código postal / Códe postal / Postfeitzahl City/Cudada/Yfie/Stadt - (Country / Pals / Pays / Lard) ddición / Numéro d'envol / Sendungsnummer	MANTOU CENTER NEDERLAND Wethouder Ohmannstraat 12, 7951-58 Staphorst / Netherlands			
	Phone contact / Teléfono / Te	éléphone / Telefonnumer :		l		
	Contact people/ Persona a contact	ar / Personne de contact / Kontakt :		1		
Parcel / Parcela / Colis / Paket	Palett-box / Paleto-caja / Palette- caisse / Palette-kiste	Measurements / Dimensiones / Dir	mensions / Abmessung	Part Number / Ref pieza / Ref piece / Referenz	REMAN Order nr / N°Pedido / N° ordre / Bestell nummer	Brut weight / Peso bruto / Poids brut / Bruttogewicht (Kg)
N°1	1	60cm X 80cm X 50cm		222758E.S	1001646574	82,00
N°2						
N°3						
N°4						
TOTAL	TOTAL TOTAL TOTAL					



3.2) Methodology B: Deutz complete engine free Core return

1

2

4



1st step: Order the engine REMAN engine reference (reference with E.S suffix).



=> See reference table at the end of the document.

2nd step: Shipment of replacement engine by Manitou. Retain and reuse the wooden skid to return core to Deutz.

Any destroyed wooden skit will be billed by Deutz on the deposit

3 3rd step: Prepare the old engine (Core) on the return wooden skit in accordance with the return conditions imposed by Deutz:

Engine packed in transparent film, fully drained with original ECU packed separately.

4th step : Register by *email** **your return request** of the core to Deutz :

For Europe :

beschaffung.langenau@dachser.de

For any others regions :

xchange-core@deutz.com

*Detailed process on the next page

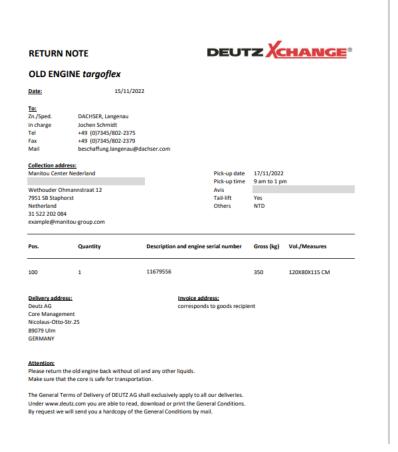


Your order for Deutz REMAN engine will be delivered with the form "Deutz Return Note"

1- Please complete the entire form (See example below) It is **mandatory to indicate the engine serial number** written on the engine plate.

Essential information for:

- the organization of the removal by the carrier,
- the **refund of your deposit**, after the quality control of the Core was carried out on arrival, at the Deutz factory in Ulm (Germany).
- 2- Place this form on the wooden transport package of the Core for removal by carrier.
- 3- Register your pick-up request by email, enclosing the fulfilled "Deutz Return Note".
 - For Europe, send the email to : beschaffung.langenau@dachser.com
 - For any others regions, send the email to: xchange-core@deutz.com





Upon receipt of the core at Deutz factory, the **return and control procedure** is divided into 3 steps:

- → Visual inspection of the core to validate acceptance criterias
- → **Core** stock entry
- \rightarrow **Issuance of a credit note** related to the return of the core (**full or partial** depending on the condition of both the **engine** and the **wooden skid**).

3.1) Deposit refund management

The conditions below apply to all Manitou REMAN parts:

NON-ABRASIVE CLEANING

The used part must not be cleaned using abrasive techniques (abrasive blasting or microblasting). The guarantee will not be reimbursed if a critical area of the item has been damaged due to an abrasive process.

DISASSEMBLED PART

Spare parts may be disassembled only for diagnostic or fault analysis purposes. If an item is disassembled, it must be put back together with all genuine parts before delivery.

Disassembled parts have a higher risk of corrosion or missing components. This may result in the guarantee not being reimbursed. The guarantee will not be reimbursed if there is a component that is not a Manitou genuine part.

ATTEMPTED REPAIR

Any attempt to repair a component will not be accepted- Please refer to the relevant data sheets for further information.

NON-OPERATIONAL DAMAGES

The guarantee will not be reimbursed if used parts are damaged due to incorrect handling, corrosion, rust or fire.

Similarly, the guarantee will not be reimbursed due to incorrect or lack of maintenance or vandalism, which may seriously deteriorate the sub-components of the spare part beyond repair.

PACKAGING

The customer who has ordered a REMAN spare part is responsible for the packaging of the core. The core must be returned in the original packaging of the remanufactured part, in good conditions without deterioration. If the original package is no longer available, the customer must pack the item in an adequate package to avoid damages during transport.



If the core is damaged due to improper packaging, as detailed in section "NON-OPERATIONAL DAMAGES" above, the guarantee will not be reimbursed.

Certain products are sent with bottom supports for handling purposes (as detailed in the following pages). If these supports are not returned or if they are deteriorated, the guarantee will not be reimbursed.

1- Deposit invoice

When you buy a Manitou REMAN part, you are invoiced for the Reman part + a deposit that will be reimbursed after receiving and testing the used part (which you must send to us within the requested time frame).

2- Quality control for used parts:

Manitou applies a strict quality control process for used parts to validate compliance with return criteria.



→ Certain parts require additional controls to be carried by you before their return. For further details on the aspects to comply with for each product family, please refer to the relevant DATA SHEET.

3- Deposit reimbursement through credit note:

Manitou will send you a positive (credit note) or negative (refusal to remanufacture) response within 8 weeks after receiving the core.



- → The deposit amount depends on each product family. Please refer to the relevant **DATA SHEET** for the exact amount. General rule from 4th January 2022 is to settle the core deposit amount at 50% of the REMAN selling price.
- → If, following the quality control process, we verify that the return criteria have not been fulfilled, we will inform you by email that the core has been set aside for you to pick it up. A credit note will not be issued. Following that timeframe, Manitou will scrap the core.





4.1) Complete Engine and components

ENGINES			
New Part PN	Designation	Reman PN	Core return methodologies
165187	MOTEUR 404C-22T HR81611U	265187ESA	Α
208747	MOTEUR 1004.4 SPEC.A-A 80788	208747ESA	Α
231200	MOTEUR 1004-42 AR81026	231200ESA	Α
231202	MOTEUR 1004-42 AR81155	231202ESA	Α
231203	MOTEUR 1004-40T AK80920	231203ESA	Α
252131	MOTEUR 404C-22 HP81504U 37.3K	252131ESA	Α
259406	MOTEUR 1104C-44 RE38454	259406ESA	Α
318543	MOTEUR DEUTZ CPL 120 TCD3.6L	318543E.S	В
319615	MOTEUR DEUTZ CPL 100 TCD3.6L	319615E.S	В
678630	MOTORE ALLEGGERITO	678630ESA	Α
687465	MOTEUR 404C22 PTO HP81479U TMT	687465ESA	Α
721649	MOTEUR 404C22 PTO HP81537U	721649ESA	Α
738856	MOT.OM904LA STAGE3A 129KW	738856ESA	Α
739002	MOTEUR OM904LA.E3A/2-D904.975	739002E.S	Α
795615	BLOC EMBIELLE NU PERKINS	795615E.S	Α
796553	BLOC EMBIELLE NU PERKINS	796553E.S	Α
885825	BLOC EMBIELLE NU PERKINS	885825E.S	Α
906527	BLOC EMBIELLE NU PERKINS	906527E.S	Α
922068	MOT MERCEDES 0M934 115KW ST4F	922068E.S	Α
922069	MOT MERCEDES OM934 129KW ST4F	922069E.S	Α
957296	MOT DEUTZ TCD 3,6 L4 85KW ST4	957296E.S	В
960737	MOTEUR PERKINS	960737E.S	Α
960739	BLOC EMBIELLE COMPLET	960739E.S	Α
960740	BLOC EMBIELLE COMPLET	960740E.S	Α
960741	BLOC EMBIELLE COMPLET	960741E.S	Α
960742	BLOC EMBIELLE COMPLET	960742E.S	Α

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52516276	MOTEUR DEUTZ FT4 90KW US	52516276E.S	B B
52516279	MOTEUR DEUTZ FT4 100KW TCD3.6L	52516279E.S	В
52517577	MOTEUR DEUTZ TD 3.6L 55KW	52517577E.S	В
52521671	MOTEUR DEUTZ TD 3.6 56KW	52521671E.S	В
52525431	MOTEUR DEUTZ FT4 75KW	52525431E.S	В
52568548	MOT. DEUTZ TCD4.1 ST4 105KW US	52568548E.S	В
52568549	MOT. DEUTZ TCD4.1 ST4 105KW	52568549E.S	В
52577547	MOTEUR DEUTZ FT4 85KW	52577547E.S	В
52581792	MOTEUR DEUTZ TD 3.6L	52581792E.S	В
52581794	MOTEUR DEUTZ FT4 75KW TCD3.6L	52581794E.S	В
52581795	MOTEUR DEUTZ FT4 85KW TCD3.6L	52581795E.S	В
52581796	MOTEUR DEUTZ FT4 95KW TCD3.6L	52581796E.S	В
52581797	MOTEUR DEUTZ FT4 100KW TCD3.6L	52581797E.S	В
52581798	MOTEUR DEUTZ FT4 75KW	52581798E.S	В
52581799	MOTEUR DEUTZ FT4 85 KW	52581799E.S	В
52588448	MOT DTZ 55 KW TD3.6L ST5 P0155	52588448E.S	В
52589570	MOT DTZ 75KW TCD3.6L ST5 P0210	52589570E.S	В
52589958	MOT DTZ 55 KW TD3.6L ST5 P0215	52589958E.S	В
52596963	MOT. DEUTZ TCD6.1L6 ST5 180KW	52596963E.S	В
52597780	MOTEUR DEUTZ FT4 75KW	52597780E.S	В
52598910	MOT DTZ 85KW TCD3.6L ST5 P0361	52598910E.S	В
52598911	MOT DTZ 85KW TCD3.6L ST5 P0362	52598911E.S	В
52598912	MOT DTZ 85KW TCD3.6L ST5 NAG	52598912E.S	В
52598913	MOT DTZ 95KW TCD3.6L ST5 NAG	52598913E.S	В
52598914	MOT DTZ 100KW TCD3.6L ST5 NAG	52598914E.S	В
52609554	MOTEUR DEUTZ TCD3.6 90KW FT4	52609554E.S	В
52623135	MOTEUR DEUTZ TD 3.6 56KW STG5	52623135E.S	В
52630056	MOTEUR DEUTZ TCD 2.9L 55KW	52630056E.S	В
52642094	MOTEUR DEUTZ TCD 2.9L 55KW MSI	52642094E.S	В
52675061	MOTEUR DEUTZ TCD 2.9L MSI CLIM	52675061E.S	В
52682613	MOTEUR DEUTZ 95KW EDG NEW EGR	52682613E.S	В
52682614	MOTEUR DEUTZ 100KW EDG NEW EGR	52682614E.S	В
52682799	MOTORE DEUTZ TCD 3.6 ST5 85KW	52682799E.S	В
52682800	MOTORE DEUTZ TCD 3.6 ST5 55KW	52682800E.S	В
52705134	MOT DTZ 55 KW TD3.6L ST5 SS	52705134E.S	В
52705135	MOT DTZ 75 KW TCD3.6L ST5 SS	52705135E.S	В
52713154	MOTEUR LONG BLOCK REMAN	52713154E.S	Α

PARTS

52713155	MOTEUR LONG BLOCK REMAN	52713155E.S	GROUP I
52713156	MOTEUR LONG BLOCK REMAN	52713156E.S	Α
52734129	MOTEUR DEUTZ 2.9 L4 ST5	52734129E.S	В
52735756	MOTORE DEUTZ TCD 3.6 EDG 85KW	52735756E.S	В
N50323069	ENG/055KW/DEU/TD3.6L4/STAGEV	N50323069E.S	В

ALTERNATOR			
New Part PN	Designation	Reman PN	Core return methodologies
108248	ALTERNATOR 55A 12.0 V	108248E.S	Α
130850	ALTERNATOR 33A 12.0 V	130850E.S	Α
217366	ALTERNATOR 55A 12.0 V	217366E.S	Α
551509	ALTERNATOR 55A 12.0 V	551509E.S	Α
563547	ALTERNATOR 65A 12.0 V	563547E.S	Α
725262	ALTERNATOR 150A 14.0 V	725262E.S	Α
786633	ALTERNATOR 65A 12.0 V	786633E.S	Α
786634	ALTERNATOR 75A 12.0 V	786634E.S	Α
786635	ALTERNATOR 85A 12.0 V	786635E.S	Α
796538	ALTERNATOR 12.0 V	796538E.S	Α
796592	ALTERNATOR 120A 12.0 V	796592E.S	Α
798824	ALTERNATEUR 14V 120A	798824E.S	Α
895300	ALTERNATEUR 12V 120A	895300E.S	Α
895407	ALTERNATEUR 12V 80A	895407E.S	Α
961348	ALTERNATEUR 24V	961348E.S	Α
964322	ALTERNATEUR 12V 60A	964322E.S	Α
52740503	ALTERNATEUR 95A 14V	52740503E.S	Α
52741320	ALTERNATEUR 14V 120A	52741320E.S	Α
N241459	ALTERNATEUR 12V 100A	N241459E.S	Α



STARTER			
Référence pièces neuves	Désignation	Référence Reman	Méthodologie Retour vieille matière
551508	STARTER 2100W 12.0 V	551508E.S	Α
745011	STARTER 2800W 12.0 V	745011E.S	Α
745309	STARTER 2800W 12.0 V	745309E.S	Α
748014	STARTER 2000W 12.0 V	748014E.S	Α
750571	STARTER 3200W 12.0 V	750571E.S	Α
786464	STARTER 2000W 12.0 V	786464E.S	Α
788116	STARTER 4200W 12.0 V	788116E.S	Α
796540	STARTER 12.0 V	796540E.S	Α
796729	STARTER 12V 3,4KW	796729E.S	Α
797368	STARTER 12V	797368E.S	Α
798412	STARTER 12V	798412E.S	Α
827231	STARTER 12.0 V	827231E.S	Α
909606	STARTER 24V	909606E.S	Α
942115	STARTER 4000W 12.0 V	942115E.S	Α
958579	STARTER 3200W 12.0 V	958579E.S	Α
958982	STARTER 4200W 12.0 V	958982E.S	Α
960388	STARTER 4000W 12.0 V	960388E.S	Α
960759	STARTER 12V 3,2KW	960759E.S	Α
52593299	STARTER 24V	52593299E.S	Α
52629377	STARTER	52629377E.S	Α
52631620	STARTER 3000W 12.0V	52631620E.S	Α
N188586	STARTER 12V	N188586E.S	Α



	COMPLETE INJECTO	DR	
New Part PN	Designation	Reman PN	Core return methodology
473759	INJECTOR CPLT PERKINS	473759E.S	Α
475370	INJECTOR CPLT PERKINS	475370E.S	Α
563262	INJECTOR CPLT PERKINS	563262E.S	Α
563756	INJECTOR CPLT PERKINS	563756E.S	Α
702046	INJECTOR CPLT PERKINS	702046E.S	Α
702134	INJECTOR CPLT PERKINS	702134E.S	Α
703614	INJECTOR CPLT PERKINS	703614E.S	Α
775810	INJECTOR CPLT PERKINS	775810E.S	Α
786458	INJECTOR CPLT PERKINS	786458E.S	Α
941248	INJECTOR CPLT DEUTZ	941248E.S	Α

TURBOCHARGER			
New Part PN	Designation	Reman PN	Core return methodology
475222	TURBOCHARGER	475222E.S	Α
603812	TURBOCHARGER	603812E.S	Α
604855	TURBOCHARGER	604855E.S	Α
604979	TURBOCHARGER	604979E.S	Α
702129	TURBOCHARGER	702129E.S	Α
702329	TURBOCHARGER	702329E.S	Α
747623	TURBOCHARGER	747623E.S	Α
747633	TURBOCHARGER	747633E.S	Α
748409	TURBOCHARGER	748409E.S	Α
775828	TURBOCHARGER	775828E.S	Α
776686	TURBOCHARGER	776686E.S	Α
796754	TURBOCHARGER	796754E.S	Α
964305	TURBOCHARGER	964305E.S	Α
964516	TURBOCHARGER	964516E.S	Α
964575	TURBOCHARGER	964575E.S	Α
52678596	TURBOCHARGER	52678596E.S	Α



DIESEL PARTICULATE FILTER			
New Part PN	Designation	Reman PN	Core return methodology
797240	DPF MOTEUR JD 4045 PWX 86KW	958046E.S	Α
798642	DPF MOTEUR PERKINS 854F-E34TA	306538E.S	Α
798837	DPF MOTEUR PERKINS	798837E.S	Α
940842	DPF MOTEUR KUBOTA 3B+ CKD	940842E.S	Α
941447	DPF MOTEUR KUBOTA V2403TE4B	941447E.S	Α
941883	DPF MOTEUR PERKINS 854 55KW	947926E.S	Α
941883	DPF MOTEUR PERKINS 854 55KW	941883E.S	Α
52631302	DPF MOTEUR KUBOTA	52631302E.S	Α
52632177	DPF MOTEUR KUBOTA 55KW	52632177E.S	Α
52690630	DPF MOTEUR KUBOTA E5B	52690630E.S	Α
52700329	DPF MOTEUR KUBOTA 0P7F306A20	52700329E.S	Α

WATER PUMP			
New Part PN	Designation	Reman PN	Core return methodology
52702435	WATER PUMP DEUTZ	52702435E.S	Α
52702485	WATER PUMP DEUTZ	52702485E.S	Α



4.2) Transmission

GEARBOXES			
New Part PN	Designation	Reman PN	Core return methodology
197883	GEARBOX 2X2 REF:15033	197883E.S	Α
218583	GEARBOX CLA:1106FT 12456-10	218583E.S	Α
222570	GEARBOX TURNER 4X4 REF:15978	222570E.S	Α
225627	GEARBOX CLA:1106FT 12456-12P	225627E.S	Α
226227	GEARBOX TURNER C+ 16017	226227E.S	Α
258799	GEARBOX TURNER C+ 16486	258799E.S	Α
258800	GEARBOX TURNER C+ 16487	258800E.S	Α
259158	GEARBOX TURNER 16574 PG115	259158E.S	Α
264389	GEARBOX TURNER C+ 16564	264389E.S	Α
264390	GEARBOX TURNER 4X4 16568	264390E.S	Α
264391	GEARBOX TURNER C+ 16566	264391E.S	Α
287421	GEARBOX TURNER 16723 PG115	287421E.S	Α
296173	GEARBOX HYDROS ZF 2 HC 85	296173E.S	Α
52529086	BOITIER TRANSFERT 367N	52529086E.S	Α

BEVEL DRIVE			
New Part PN	Designation	Reman PN	Core return methodology
222758	BEVEL DRIVE	222758E.S	Α
224053	BEVEL DRIVE	224053E.S	Α
229493	BEVEL DRIVE	229493E.S	Α



TORQUE CONVERTER			
New Part PN	Designation	Reman PN	Core return methodology
75985	TORQUE CONVERTER	75985E.S	Α
136265	TORQUE CONVERTER	136265E.S	Α
209372	TORQUE CONVERTER	209372E.S	Α
561351	TORQUE CONVERTER	561351E.S	Α
602874	TORQUE CONVERTER	602874E.S	Α

4.3) Hydraulic

HYDROSTATIC PUMP			
New Part PN	Designation	Reman PN	Core return methodology
225422	POMPE HYDROSTAT	225422E.S	Α
225423	POMPE HYDROSTAT	225423E.S	Α
225424	POMPE HYDROSTAT	225424E.S	Α
226015	POMP A10V060DFR1/52L-PSD62N00	226015E.S	Α
233380	POMPE A4VG71DA1D7/32RNZF02F041	233380E.S	Α
239922	POMPE HYDROSTAT	239922E.R	Α
239923	POMPE A4VG56 TURBO	239923E.S	Α
243638	POMP A10VO45 DFR1/52L-VWC62NOO	243638E.S	Α
249784	POMP A4VG56DA1D7/32RNAC02F025S	249784E.S	Α



HYDROSTATIC MOTOR			
New Part PN	Designation	Reman PN	Core return methodology
201551	HYDROSTATIC MOTOR 28CM3/RD	201551E.S	Α
208701	MOT HYD A6VM107DA1/63W-VZB027	208701E.S	Α
230947	MOT HYD A6VM107DA2/63WVZB017HB	230947E.S	A
585207	MOTEUR A6VM160DA1/63W-VZB02700	585207E.S	Α
585209	MOTEUR A6VM107DA1/63W-VZB02700	585209E.S	A

HYDRAULIC PUMP			
New Part PN	Designation	Reman PN	Core return methodology
269085	POMP A10VO63 EK1DS/53L-VSD62N	269085E.S	Α
269086	POMP A10VO63 EK1DS/53R-VSD62K1	269086E.S	Α
269087	POMP A10VO63 EK1DS/53R-VUC62N	269087E.S	Α
273626	POMP A10VO45EK1DS/53L-VWC62N00	273626E.S	Α
606218	POMPE A4VG71DA1D2/32R-NZF02F00	606218E.S	Α



4.4) Electronic

RADIOCONTROL			
New Part PN	Designation	Reman PN	Core return methodology
921174	RADIO COMMANDE EMETTEUR	921174E.S	Α
921187	RADIO COMMANDE EMETTEUR	921187E.S	Α
921537	RADIO COMMANDE EMETEUR	921537E.S	Α
921541	RADIO COMMANDE EMETTEUR	921541E.S	Α
52581563	RADIO COMMANDE EMETEUR 870MHZ	52581563E.S	Α
53009584	RADIO COMMANDE EMETTEUR	53009584E.S	Α
53009595	RADIO COMMANDE EMETTEUR	53009595E.S	Α

