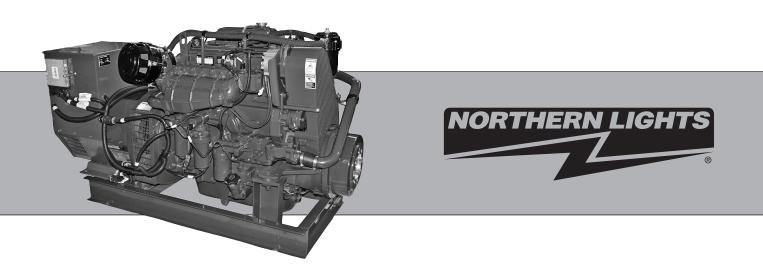


# PARTS MANUAL

# **P6.8-3** For Models: M150A13 & M150C13



www.northern-lights.com

# — CALIFORNIA — Proposition 65 Warning:

Breathing Diesel engine exhaust and some of its constituents are known to the State of California to cause cancer, birth defects, and other reproductive harm.

- \* Always start and operate the engine in a well-ventilated area.
- \* If in an enclosed area, vent the exhaust to the outside.
- \* Do not modify or tamper with the exhaust system.
- \* Do not idle the engine except as necessary.

For more information, go to www.P65warnings.ca.gov/diesel.

#### Northern Lights 4420 14th Avenue NW

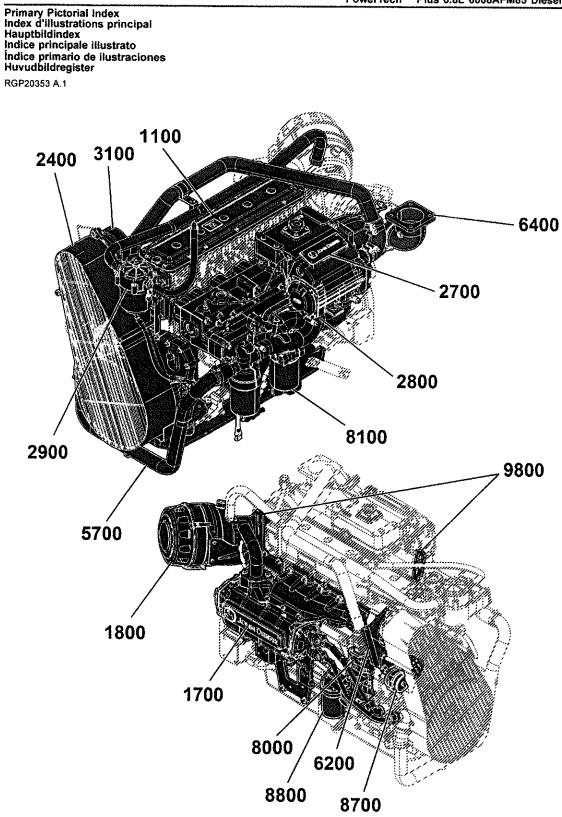
4420 14th Avenue NW Seattle, WA 98107 Tel: (206) 789-3880 Fax: (206) 782-5455

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Printed in U.S.A. PART NO.: P6.8-3 5/17



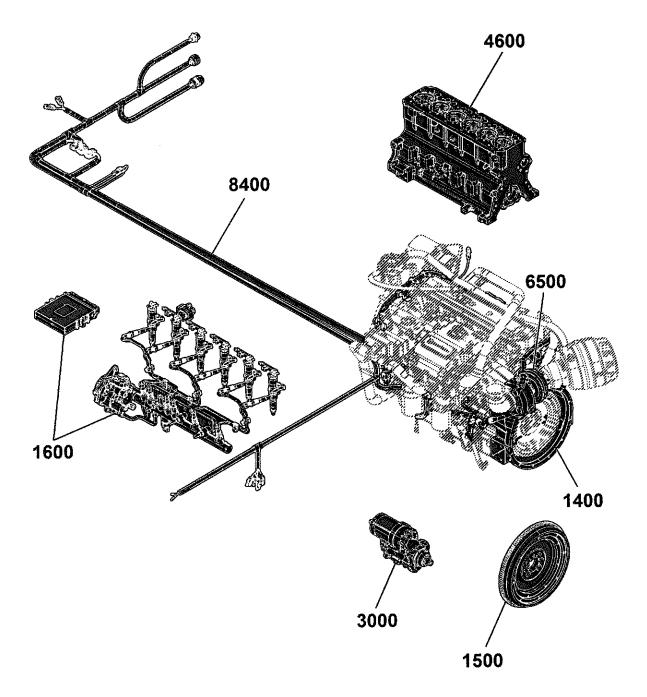


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2400-	115
3100-	159
1100-	49
2700-	123
2800-	135
6400-	259
8100-	293
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2900-	141
9800-	351
8700-	309
6200-	247
8800-	313
8000-	289
1700-	95
1800-	101

#### Primary Pictorial Index Index d'illustrations principal Hauptbildindex Indice principale illustrato Índice primario de Ilustraciones Huvudbildregister

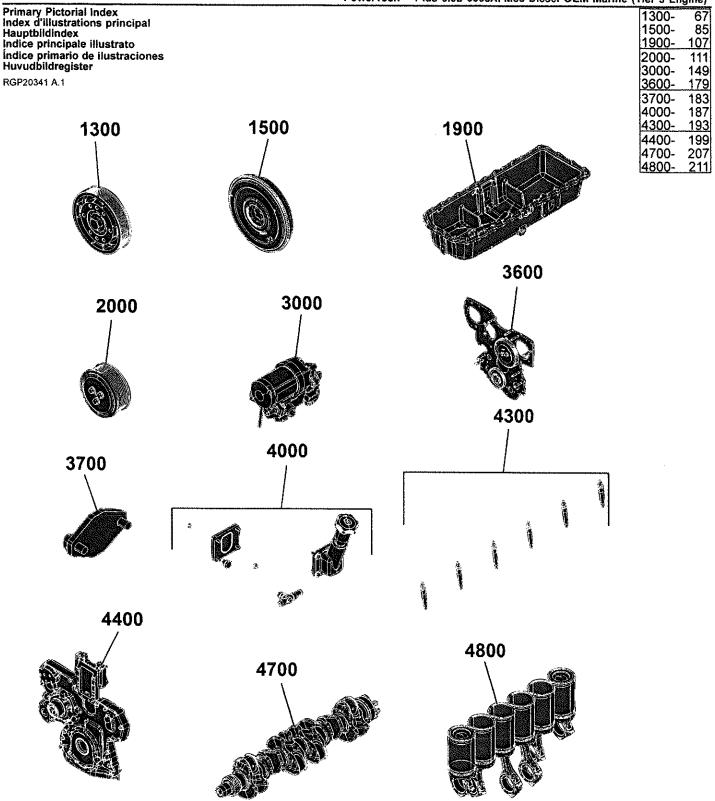
RGP20340 A.1

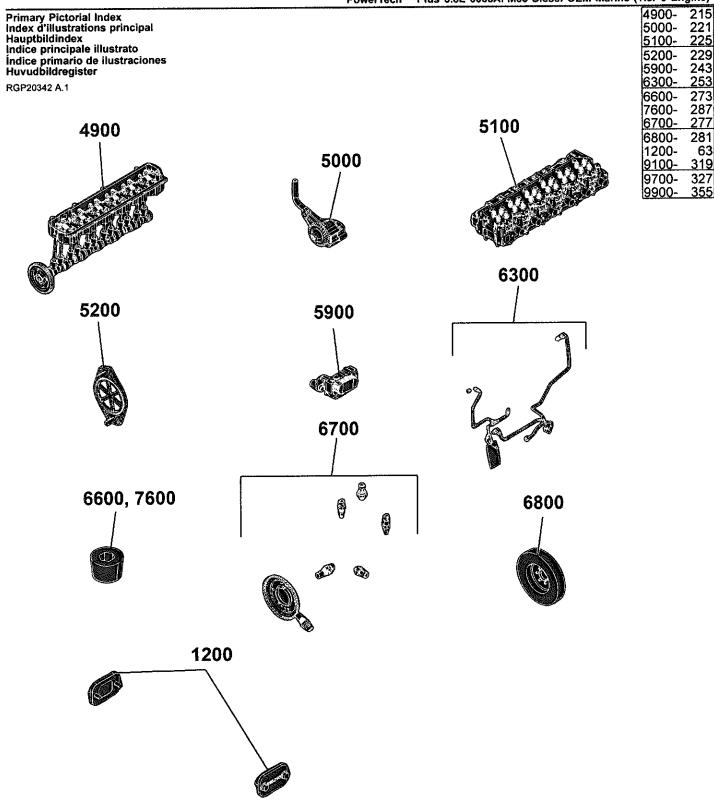
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RGP20340

4





#### To The Customer

The part numbers in this Parts Catalog were correct at the time of publication. Per John Deere policy, we continuously improve our products. Therefore, when ordering parts verify the part numbers with your dealer.

#### SI Units of Measure

Metric dimensions are provided as applicable throughout this parts catalog.

#### **Bolt and Cap Screw Strength Identification**

Bolts and cap screws required to have high-strength qualities equivalent to metric property class 10.9 (SAE grade 8) or higher are identified throughout this catalog by the description 10.9, 12.9 or 14.9. All standard bolts and cap screws are metric property class 8.8 (SAE grade 5) or lower.

#### **Serial Number Listing Information**

Serial number information is listed to show on which machines each part can be used; for example:

	-	The part can be used on all products.
000000	-	The part can be used on products beginning with the serial number listed.
	- 000000	The part can be used on products up to and including the serial number listed.
000000	- 000000	The part can be used on products between and including the serial number listed.

When XXXXXX's are listed in place of a serial number, a serial number change was made, but the exact serial number was not available at the time of publication.

#### Illustrations

Illustrations in this catalog are only intended as a reference for dealers and customers. These illustrations do not necessarily represent the exact view of the parts.

#### **Box-Enclosed Illustrations**

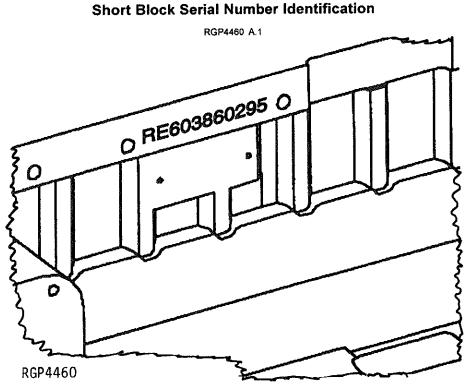
Box-enclosed keyed parts in the illustration are available as a service assembly or an attachment. These parts may also include parts not available for service. The illustrations may not show all individual parts of an attachment. A box not keyed includes non-current parts.

#### **Orientation of Engine**

Right Hand (RH) and Left Hand (LH) sides are determined by standing at flywheel and facing the engine.

#### John Deere Remanufactured Components

The REMAN parts listed in this catalog are intended for the repair or replacement of failed or worn original equipment components. John Deere Reman components are manufactured to stringent John Deere standards and produced to original John Deere specifications that incorporates the latest design and performance improvement updates.



Serial number stamped into casting of block near previous serial number plate.

1.	RE60386	Service Part Number
2.	02	Month Assembled
3.	95	Year Assembled

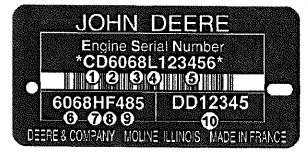
# Trademarks

Throughout this parts catalog, you may find the following Deere and Company trademarks:

Best Bid™	CounterParts™	DEERE™ (Deere™)
Dura-Trax™	Fanggs™	Guardian™
HTH™	Jagz™	JDLink™
MARKS™	MIC <sup>™</sup> [Machine Information Center]	MTH™
Power Curve™	Powerllel™	PowerShift Plus™
Powerwize™	POWR SAVR™	PowrShift™
ProPath™	Quad-Cool™	Quik-Tatch™
SC-2™	Side-Tracker™	Stinger™
StructureALL™	Swamper™	TMC™ [Total Machine Control]
ValueSelect™	Waratah™	Worksite Pro™
FlexBox™	Funk™	iTorque™
Phoenix™	Phoenix International™	PowerTech™
PowerTech™ E	PowerTech™ M	PowerTech™ Plus
Precision Joint™	SHIFT-O-MATIC™	SWEDA™ (Super Wide Extreme Dual Axle)
TeamMate™	TeamMate™II	TeamMate™ IV
ТМІІ™	тмш™	

## Engine Serial Number Plate — 4045 & 6068

RGP11355 A.1





Engine Serial Number is Defined by 13 Characters	
First Line	Designates
1 — Two letters for engine factory designation	PE: Torreon, Mexico, CD: Saran, France, JX: Rosario, Argentina, UG: Teda, China
2 — One digit for number of cylinders.	4 Cylinder, 6 Cylinder
3 — Three digits for displacement in liters	045: 4.5 Liter, 068: 6.8 Liter
4 — One letter for emission level	B= Non-Certified C= Tier1/Stage I emission level G= Tier 2/Stage II emission level L= Tier 3/Stage IIIA emission level R= Interim Tier 4/Stage IIIB emission level U or V= Final Tier 4/Stage IV emission level
5 — Six digits	123456= Engine build sequence number. Sequence numbers start at 000001
Engine Type is Defined by 9 Alpha-Numerical Chara	acters
6 — Four digits	Same as items 2 and 3 above
7 — One letter for aspiration type	A= Turbocharged with air-to-water after-cooler D= Naturally Aspirated T= Turbocharged H= Turbocharged with air-to-air after cooler S= Turbocharged with air-to-sea water after-cooler
8 — One or two letters for OEM application	F: OEM, FM: Marine, FH: HazLoc, FN: Compressed Natural Gas
8 One or two letters for John Deere Vehicle application	
9 — Two or three digits for version	485
10 - Two Letter and 5 or 6 digit for engine Part numbe	DD12345 (Saran Only Engines)

#### **Remarks and Abbreviations**

The following remarks and abbreviations may appear throughout this parts catalog. Refer to the following table for translations.

Phrase	Meaning	Phrase	Meaning
LSO ORDER, ORD W/	Also Order	MFWD	Mechanical Front Wheel Dr
AMP	Ampere	NA, NOT USED THIS APPL	Not used in this application
APPL, APPL ONLY	This application only	NLA	No longer available
AR	As required	NSEP	Not available separately
ASSY	Complete assembly	OD	Outside diameter
CCW	Counter-clockwise	OPTIONAL	Optional
COMPLETE	Complete	OR	Or
COMPLETE GOODS	Complete goods	ORD, ORDER	Order
CONVENIENCE ASSY, CA	Convenience assembly	OS	Oversize
CTL, CUT TO LENGTH	Cut to length	PKG, PACKG	Package, Packet of
CW	Clockwise	REAR	Rear
ENGINE	Engine	REMAN	Remanufactured
FOR	For	REPL	Replaces
FRONT	Front	RH	Right-hand
GAS	Gasoline	SN	Serial number
ID	Inside diameter	STD	Standard
INCH	Inch	SUB	Replaced by
INCL, INCLUDES	Includes	SUB COMPONENTS	Substitute components (of t kit or assy)
INNER	Inner	SUB FOR	Substitutes for
KIT	Kit	TEETH, Z	Number of gear teeth
LGTH	Length	ТК	Thickness
LH	Left-hand	UP, UPPER	Upper
LOW, LOWER	Lower	US	Undersize
MAKE FROM, MF	Make from	USE UNTIL EXHAUSTED	Use until exhausted
MARKED	Marked	WHOLE GOODS	Whole Goods
USE WITH	Use with	W/O	Without
INCL KEYS	Includes keys	W	With
BULK	Bulk	CONTAINS	Contains
CONSISTS OF	Consists of	CUT FROM	Cut from
ESN	Engine Serial Number	MATCHED SET	Matched Set
OUTER	Outer	PTO	Power Take Off
SUB THIS APPLICATION	Sub this application	SUB FOR THIS APPLICATION	Sub for this application
T.A., THIS APPLICATION	This application	VSN	Vehicle Serial Number

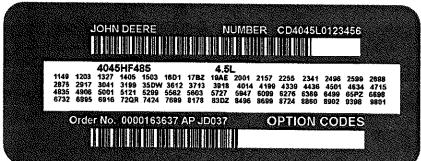
#### **Engine Option Code Label**

CDP47476 A.1 JOHN DEERE NUMBER CD4045L0123456 1327 1405 3041 3199 35DW 3612 3713 5001 5121 5299 5562 5603 6916 72QR 7424 7699 8178 2875 4835 6732 2917 4906 6895 3918 5727 83DZ 4715 4501 5499 8902 4634 65PZ 9398 4436 6369 8850 4199 4339 6099 5276 8699 8724 6698 9801 Order No. 0000163637 AP JD037 **OPTION CODES** 

In addition to the serial number plate, OEM engines have an engine option code label affixed to the rocker arm cover. These codes indicate which of the options were installed on your engine at the factory. When in need of parts or service, furnish your authorized servicing dealer or engine distributor with these numbers. The first two digits of each code identify a specific group, such as an alternator. The two last digits of each code identify one specific option provided on your engine, such as a 12 volts, 55 amperes alternator. If an engine is ordered without a particular component, the last two digits of that functional group option code will be 9.

#### Engine Option Code Label

CDP47476 A.1



In addition to the serial number plate, OEM engines have an engine option code label affixed to the rocker arm cover. These codes indicate which of the options were installed on your engine at the factory. When in need of parts or service, furnish your authorized servicing dealer or engine distributor with these numbers. The first two digits of each code identify a specific group, such as an alternator. The two last digits of each code identify one specific option provided on your engine, such as a 12 volts, 55 amperes alternator. If an engine is ordered without a particular component, the last two digits of that functional group option code will be 9.

#### Au client

Les numéros de référence dans ce catalogue de pièces étaient corrects au moment de la publication. Chez John Deere, notre politique est celle d'une amélioration continue des produits que nous fabriquons. Lors de la commande de pièces, il est donc recommandé de vérifier les numéros de référence auprès du concessionnaire.

#### Unités de mesure SI

Les dimensions sont données en unités métriques, le cas échéant, dans ce catalogue pièces.

#### Identification de la résistance des boulons

Les boulons devant présenter des caractéristiques de haute résistance de qualité au moins équivalente à la classe de propriété métrique 10.9 (catégorie SAE 8) sont identifiés tout au long de ce catalogue par la description 10.9, 12.9 ou 14.9. Tous les boulons standard sont de classe de propriété métrique 8.8 (catégorie SAE 5) ou inférieure.

# Informations concernant la liste des numéros de série

Le numéro de série est donné dans la liste pour indiquer sur quelles machines chaque pièce peut être utilisée.

		La pièce peut être utilisée sur tous les produits.
000000		La pièce peut être utilisée sur tous les produits à partir du numéro de série indiqué.
	- 000000	La pièce peut être utilisée sur tous les produits jusqu'au numéro de série indiqué inclus.
000000	- 000000	La pièce peut être utilisée sur tous les produits entre les numéros de série indiqués inclus.

Le XXXXXX à la place du numéro de série signale que celui-ci a été modifié mais que le nouveau numéro de série n'était pas encore disponible au moment de la publication du catalogue.

#### Illustrations

Les illustrations de ce catalogue ne sont fournies qu'à titre de référence pour les concessionnaires et les clients. Ces illustrations ne sont pas forcément une reproduction exacte de la vue des pièces.

#### Illustrations encadrées

Les pièces indiquées avec un numéro de légende dans l'encadré sont disponibles en tant qu'ensemble de rechange ou accessoire. Ces pièces peuvent aussi comporter des pièces non réparables/remplaçables. Il se peut que toutes les pièces d'un accessoire ne figurent pas dans une illustration. Un encadré sans légende contient des pièces périmées.

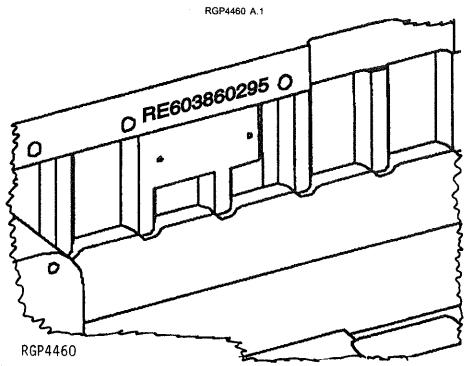
#### Orientation du moteur

Les côtés droit et gauche sont déterminés en se mettant devant le volant-moteur et en faisant face au moteur.

#### Composants réusinés John Deere

Les pièces de REMAN répertoriées dans ce catalogue sont destinées à la réparation ou au remplacement de composants d'équipement d'origine qui sont cassés ou usés. Les composants John Deere Reman sont fabriqués selon les normes strictes de John Deere et de manière à être conformes aux spécifications d'origine John Deere comprenant les dernières améliorations apportées à la conception et en termes de rendement.

# Identification du numéro de série du bloc avec équipage mobile



Numéro de série gravé sur le moulage du bloc, près de l'ancienne plaquette signalétique

- 1. RE60386
- 2. 02
- 3. 95

Mois d'assemblage

Numéro de pièce de rechange

Année d'assemblage

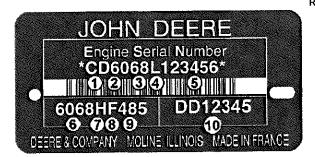
#### **Marques** commerciales

Les marques commerciales Deere and Company suivantes peuvent figurer dans ce catalogue de pièces:

Best Bid™	CounterParts <sup>™</sup>	DEERE™ (Deere™)
Dura-Trax™	Fanggs™	Guardian™
HTH™	Jagz™	JDLink™
MARKS™	MIC <sup>™</sup> [Machine Information Center]	МТН™
Power Curve™	Powerllel™	PowerShift Plus™
Powerwize™	POWR SAVR™	PowrShift™
ProPath™	Quad-Cool™	Quik-Tatch™
SC-2™	Side-Tracker™	Stinger™
StructureALL™	Swamper™	TMC™ [Total Machine Control]
ValueSelect™	Waratah™	Worksite Pro™
FlexBox™	Funk™	iTorque™
Phoenix™	Phoenix International™	PowerTech™
PowerTech™ E	PowerTech™ M	PowerTech™ Plus
Precision Joint™	SHIFT-O-MATIC™	SWEDA™ (Super Wide Extreme Dual Axle)
TeamMate™	TeamMate™II	TeamMate™ IV
TMII™	TMIII™	

# Plaque constructeur du moteur - 4045 et 6068

RGP11355 A.1





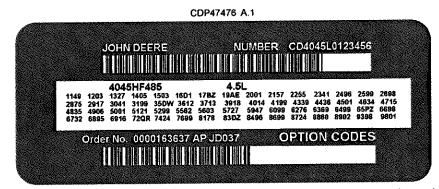
Le numéro de série du moteur se compose de 13 caract Première ligne	Indique
1 deux lettres désignant l'usine du moteur	PE: Torreon (Mexique), CD: Saran (France), JX: Rosario, Argentine, UG: Teda, Chine
2 chiffre indiquant le nombre de vérins.	4 vérins, 6 vérins
3 — trois chiffres indiquant la cylindrée en litres	045: 4,5 litres, 068: 6,8 litres
4 une lettre indiquant le niveau d'émissions	B= non certifié C= niveau d'émission Tier 1/Phase I G= niveau d'émission Tier 2/Phase II L= niveau d'émission Tier 3/Phase IIIA R= niveau d'émission Tier 4 Interim/Phase IIIB U ou V= niveau d'émission Tier 4 Final/Phase IV
5 — six chiffres	123456 = numéro de séquence de la version du moteur. Les numéros de séquence commencent à 000001
Le type de moteur se compose de 9 caractères alphanu	imériques
6 — quatre chiffres	Identique aux éléments 2 et 3 ci-dessus
7 — une lettre indiquant le type d'aspiration	A= à turbocompresseur avec refroidisseur air-eau D= à aspiration naturelle T= à turbocompresseur H= à turbocompresseur avec refroidisseur air-air S= à turbocompresseur avec refroidisseur air-eau de mer
8 une ou deux lettres indiquant l'application OEM	F: Fabricant d'équipement d'origine, FM: Marin, FH: HazLoc, FN: Gaz naturel comprimé
8 — une ou deux lettres indiquant l'application Véhicule John Deere	DW, KV: BTP, RW, LV, L, BM: Tracteur, TJ: Forestière, H, Z, CQ: Moissonneuse-batteuse, N: Extracteur-pulvérisateur, E: Faucheuse-andaineuse
9 — deux ou trois chiffres indiquant la version	485
10 — deux lettres et 5 ou 6 chiffres indiquant le numéro de pièce de moteur	DD12345 (moteurs Saran uniquement)

#### Remarques et abréviations

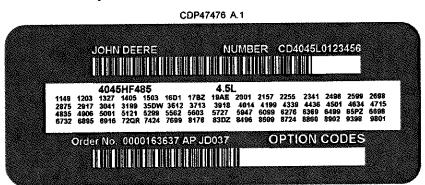
Les remarques et les abréviations qui suivent peuvent figurer dans ce catalogue de pièces. Consulter le tableau suivant pour leurs explications.

Expression	Signification	Expression	Signification
ALSO ORDER, ORD W/	À commander également	MFWD	Pont avant mécanique
AMP	Ampère	NA, NOT USED THIS APPL	Non utilisé pour cette application
APPL, APPL ONLY	Cette application uniquement	NLA	Plus disponible
AR	Selon le besoin	NSEP	Non disponible(s) séparément
ASSY	Ensemble complet	OD	Diamètre extérieur
CCW	Vers la gauche	OPTIONAL	En option
COMPLETE	Complet	OR	Ou
COMPLETE GOODS	Marchandises complètes	ORD, ORDER	Commander
CONVENIENCE ASSY, CA	Ensemble utilitaire	OS	Cote supérieure
CTL, CUT TO LENGTH	Couper à la longueur voulue	PKG, PACKG	Ensemble, paquet de
CW	Sens horaire	REAR	Arrière
ENGINE	Moteur	REMAN	Pièce réusinée
FOR	Pour	REPL	Remplace
FRONT	Avant	RH	De droite
GAS	Essence	SN	Numéro de série
ID	Diamètre intérieur	STD	Standard
INCH	Pouce	SUB	Remplacé par
INCL, INCLUDES	Comprend	SUB COMPONENTS	Substituer les composants (du kit ou de l'ensemble)
INNER	Intérieur	SUB FOR	Remplace
KIT	Kit	TEETH, Z	Nombre de dents d'engrenage
LGTH	Longueur	тк	Épaisseur
LH	De gauche	UP, UPPER	Supérieur
LOW, LOWER	Inférieur	US	À cote inférieure
MAKE FROM, MF	À confectionner à partir de	USE UNTIL EXHAUSTED	Utiliser jusqu'á épuisement
MARKED	Marqué	WHOLE GOODS	Marchandises complètes
USE WITH	À utiliser avec	W/O	Sans
INCL KEYS	Clés comprises	W/	Avec
BULK	En vrac	CONTAINS	Contient
CONSISTS OF	Comprend	CUT FROM	À découper dans
ESN	Numéro de série du moteur	MATCHED SET	Jeu apparié
OUTER	Extérieur	РТО	Prise de force
SUB THIS APPLICATION	Substituer cette application	SUB FOR THIS APPLICATION	Substitution utilisée dans cette application
T.A., THIS APPLICATION	Cette application	VSN	Numéro de série du véhicule

#### Étiquette de codes d'options du moteur



Outre la plaque constructeur, les moteurs OEM comportent une étiquette de codes d'options apposée sur le cache-culbuteurs. Ces codes indiquent les options montées en usine sur le moteur. Lors de commandes de pièces de rechange ou d'opérations d'entretien, transmettre ces numéros au concessionnaire autorisé ou au vendeur du moteur. Les deux premiers caractères de chaque code identifient un groupe spécifique, tel qu'un alternateur. Les deux derniers caractères de chaque code identifient une option particulière montée sur ce moteur, telle qu'un alternateur de 12 V et 55 A. Si un moteur est commandé sans un composant particulier, les deux derniers chiffres de ce code d'option de groupe fonctionnel seront 9.



Étiquette de codes d'options du moteur

Outre la plaque constructeur, les moteurs OEM comportent une étiquette de codes d'options apposée sur le cache-culbuteurs. Ces codes indiquent les options montées en usine sur le moteur. Lors de commandes de pièces de rechange ou d'opérations d'entretien, transmettre ces numéros au concessionnaire autorisé ou au vendeur du moteur. Les deux premiers caractères de chaque code identifient un groupe spécifique, tel qu'un alternateur. Les deux derniers caractères de chaque code identifient une option particulière montée sur ce moteur, telle qu'un alternateur de 12 V et 55 A. Si un moteur est commandé sans un composant particulier, les deux derniers chiffres de ce code d'option de groupe fonctionnel seront 9.

#### An den Kunden

Die Teilenummern in diesem Teilekatalog waren zum Zeitpunkt der Veröffentlichung richtig. Gemäß der Richtlinie von John Deere verbessern wir ständig unsere Produkte. Bei der Bestellung von Teilen die Teilenummern durch den Händler bestätigen lassen.

#### SI-Maßeinheiten

In diesem Ersatzteilkatalog werden, soweit zutreffend, metrische Abmessungen angegeben.

# Festigkeitskennzeichnung von Bolzen und Sechskantschrauben

Bolzen und Sechskantschrauben, die über hochfeste Eigenschaften der metrischen Güteklasse 10.9 (SAE-Güteklasse 8) oder einer höheren Güteklasse verfügen müssen, werden in diesem Katalog durch die Bezeichnung 10.9, 12.9 oder 14.9 angegeben. Alle standardmäßigen Bolzen und Sechskantschrauben entsprechen der metrischen Güteklasse 8.8 (SAE-Güteklasse 5) oder einer niedrigeren Güteklasse.

#### Aufgeführte Seriennummerninformationen

Die Seriennummerninformationen werden aufgeführt, um anzugeben, an welchen Maschinen jedes Teil verwendet werden kann. Beispiel:

	-	Das Teil kann an allen Produkten verwendet werden.
000000	-	Das Teil kann an Produkten verwendet werden, die mit der aufgeführten Seriennummer beginnen.
	_ 000000	Das Teil kann an Produkten bis zu und einschließlich der aufgeführten Seriennummer verwendet werden.
000000	_ 000000	Das Teil kann an Produkten zwischen und einschließlich der aufgeführten Seriennummern verwendet werden.

Wenn XXXXXX anstelle einer Seriennummer angegeben wird, wurde eine Seriennummernänderung durchgeführt, aber die genaue Seriennummer war zum Zeitpunkt der Veröffentlichung nicht verfügbar.

#### Abbildungen

Die Abbildungen in diesem Katalog dienen nur als Referenz für Händler und Kunden. Diese Abbildungen sind nicht unbedingt eine genaue Darstellung der Teile.

#### Abbildungen mit umrandeten Teilen

Mit einer Umrandung versehene Teile sind als Wartungsbaugruppe oder Zubehör erhältlich und in der Abbildung mit einer Nummer gekennzeichnet. Diese Teile können außerdem Teile enthalten, die nicht gewartet werden können. Die Abbildungen zeigen möglicherweise nicht alle Einzelteile eines Zubehörs. Umrandete Teile ohne Nummern sind alte Teile.

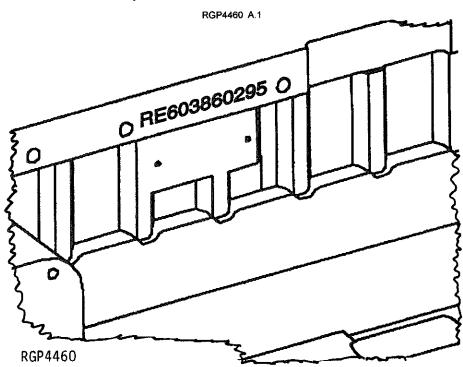
#### Ausrichtung des Motors

Die Angaben "Rechts" und "Links" beziehen sich auf die Ansicht des Motors von der Schwungradseite aus.

#### John Deere-Austauschteile

Die in diesem Katalog aufgeführten Austauschteile (REMAN) sind zur Reparatur bzw. zum Ersetzen von defekten oder abgenutzten Originalausrüstungsteilen bestimmt. John Deere-Austauschteile entsprechen den strengen John Deere-Normen und werden gemäß den ursprünglichen John Deere-Spezifikationen, die die neuesten Konstruktions- und Leistungsverbesserungen umfassen, gefertigt.

#### Rumpfmotor-Seriennummernkennung



Seriennummer ist in Gussteil des Blocks in der Nähe des vorherigen Seriennummernschilds eingestanzt.

- 1. RE60386
- 2. 02
- 3. 95

Montagejahr

Ersatzteilnummer

Montagemonat

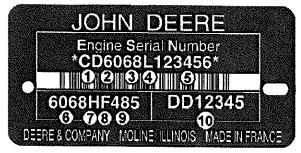
## Handelsbezeichnungen

In diesem Teilekatalog können die folgenden Handelsbezeichnungen von Deere and Company auftreten:

SERVICEGARD™	Funk™	DEERE™ (Deere™)
Phoenix™	Phoenix International™	PowerTech™
PowerTech™ E	PowerTech™ M	PowerTech™ Plus
Precision Joint <sup>™</sup>	SHIFT-O-MATIC™	SWEDA™ (Super Wide Extreme Dual Axle)
TeamMate™	TeamMate™II	TeamMate <sup>™</sup> IV
TMII™	ТМШт	John Deere Reman™

#### Motorseriennummernschild - 4045 und 6068

RGP11355 A.1





Motorseriennummer besteht aus 13 Zeichen		
Erste Zeile	Bezeichnet	
1 – Zwei Buchstaben zur Bezeichnung des Motorwerks	PE: Torreon, Mexiko, CD: Saran, Frankreich, JX: Rosario, Argentinien, UG: Teda, China	
2 – Eine Ziffer für die Zylinderzahl.	4 Zylinder, 6 Zylinder	
3 – Drei Ziffern für Hubraum in Litern	045: 4,5 Liter, 068: 6,8 Liter	
4 – Ein Buchstabe für Emissionsstufe	B = Nicht zertifiziert C= Emissionsstufe Tier1/Stufe I G= Emissionsstufe Tier 2/Stufe II L= Emissionsstufe Tier 3/Stufe IIIA R= Emissionsstufe Interim Tier 4/Stufe IIIB U oder V= Emissionsstufe Final Tier 4/Stufe IV	
5 – Sechs Ziffern	123456= Baufolgenummer des Motors. Folgenummern starten bei 000001	
Motortyp wird durch 9 alphanumerische Zeichen ange	geben	
6 – Vier Ziffern	Wie Punkt 2 und 3 weiter oben	
7 – Ein Buchstabe für Ansaugart	A = Turbolader mit Ladeluftkühler (Luft zu Wasser) D = Saugmotor T = Turbolader H = Turbolader mit Ladeluftkühler (Luft zu Luft) S = Turbolader mit Ladeluftkühler (Luft zu Seewasser)	
8 – Ein oder zwei Buchstaben für OEM-Anwendung	F: OEM, FM: Schiffsmotor, FH: HazLoc, FN: Erdgasmotor	
8 – Ein oder zwei Buchstaben für John-Deere-Fahrzeuganwendung	DW, KV: Baumaschine, RW, LV, L, BM: Traktor, TJ: Forstmaschine, H, Z, CQ : Mähdrescher, N: Pflücker/Feldspritze, E: Schwadmäher	
9 – Zwei oder drei Ziffern für Ausführung	485	
10 – Zwei Buchstaben und 5 oder 6 Ziffern für Motorteilenummer	DD12345 (nur Saran-Motoren)	

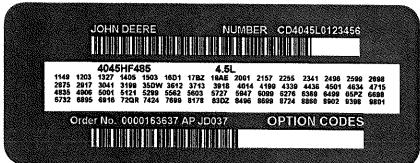
# Bemerkungen und Abkürzungen

Die folgenden Bemerkungen und Abkürzungen können in diesem Ersatzteilkatalog erscheinen. Die Übersetzungen sind der folgenden Tabelle zu entnehmen.

olgenden Tabelle zu entnehme Ausdruck	Bedeutung	Ausdruck	Bedeutung
ALSO ORDER, ORD W/	Ebenfalls bestellen	MFWD	Allradantrieb
AMP	Ampere	NA, NOT USED THIS APPL	Nicht für diese Anwend verwendet
APPL, APPL ONLY	Nur für diese Anwendung	NLA	Nicht mehr erhältlich
AR	Nach Bedarf	NSEP	Nicht einzeln lieferbar
ASSY	Komplette Baugruppe	OD	Außendurchmesser
CCW	Gegen den Uhrzeigersinn	OPTIONAL	Optional
COMPLETE	Komplett	ODER	Oder
COMPLETE GOODS	Maschinenversand	ORD, ORDER	Bestellung
CONVENIENCE ASSY, CA	Komfort-Zusammenbau	OS	Übermaß
CTL, CUT TO LENGTH	Zuschneiden	PKG, PACKG	Verpackung, verpackt n
CW	im Uhrzeigersinn	REAR	Hinten
ENGINE	Motor	REMAN	Austauschteil
FOR	Für	REPL	Ersetzt
FRONT	Vorne	RH	Rechts
GAS	Kraftstoff	SN	Seriennummern
ID	Innendurchmesser	STD	Standard
INCH	lin	SUB	Ersetzt durch
INCL, INCLUDES	Enthält	SUB COMPONENTS	Komponenten ersetzen Satzes oder der Baugn
INNER	Innen	SUB FOR	Ersatz für
KIT	Satz	TEETH, Z	Anzahl der Zahnradzäh
LGTH	Länge	ТК	Dicke
LH	Links	UP, UPPER	Oben
LOW, LOWER	Senken	US	Untergröße
MAKE FROM, MF	Herstellen von	USE UNTIL EXHAUSTED	Verwenden, bis aufgeb
MARKED	Gekennzeichnet	WHOLE GOODS	Fabrikbestellung
USE WITH	Verwenden mit	W/O	Ohne
INCL KEYS	Einschließlich Leg.nr	W	Mit
BULK	Meterware	CONTAINS	Enthält
CONSISTS OF	Besteht aus	CUT FROM	Zuschneiden von
ESN	Motorseriennummer	MATCHED SET	Passender Satz
OUTER	Außen	РТО	Zapfwelle
SUB THIS APPLICATION	Diese Ausführung ersetzen	SUB FOR THIS APPLICATION	Für diese Ausführung e
T.A., THIS APPLICATION	Diese Ausführung	VSN	Fahrzeugseriennumme

# Aufkleber mit Codes für Motorzusatzausrüstung

CDP47476 A.1



Zusätzlich zum Seriennummernschild verfügen OEM-Motoren über einen Aufkleber mit Codes für Motorzusatzausrüstung, der an der Zylinderkopfhaube angebracht ist. Diese Codes bezeichnen die Zusatzausrüstung, mit der der Motor ab Werk ausgestattet wurde. Wenn Ersatzteile benötigt oder Wartungsarbeiten ausgeführt werden sollen, dann müssen diese Zahlen dem Händler oder dem Motorvertriebshändler mitgeteilt werden. Die ersten zwei Zahlen des Codes bezeichnen eine spezifische Gruppe wie z. B. einen Drehstromgenerator. Die letzten beiden Stellen des Codes bezeichnen eine spezifische Ausrüstung an dem Motor wie z.B. einen 12-V-, 55-A-Drehstromgenerator. Wenn ein Motor ohne eine bestimmte Komponente bestellt wird, sind die letzten zwei Stellen dieses Gruppencodes 9.

#### Aufkleber mit Codes für Motorzusatzausrüstung

CDP47476 A.1 JOHN DEERE NUMBER CD4045L0123456 1149 1203 1327 1405 1503 16D1 17BZ 2875 2017 3041 3199 35DW 3612 3713 4835 4966 5001 5121 5299 5552 5603 8732 6895 6916 72QR 7424 7699 8178 19**4**E 2001 2157 2341 2698 4715 3918 4014 4199 4339 5727 5947 6099 6276 83DZ 8496 8699 8724 4634 65PZ 4436 6369 4501 6499 6698 9801 Order No. 0000163637 AP JD037 **OPTION CODES** 

Zusätzlich zum Seriennummernschild verfügen OEM-Motoren über einen Aufkleber mit Codes für Motorzusatzausrüstung, der an der Zylinderkopfhaube angebracht ist. Diese Codes bezeichnen die Zusatzausrüstung, mit der der Motor ab Werk ausgestattet wurde. Wenn Ersatzteile benötigt oder Wartungsarbeiten ausgeführt werden sollen, dann müssen diese Zahlen dem Händler oder dem Motorvertriebshändler mitgeteilt werden. Die ersten zwei Zahlen des Codes bezeichnen eine spezifische Gruppe wie z. B. einen Drehstromgenerator. Die letzten beiden Stellen des Codes bezeichnen eine spezifische Ausrüstung an dem Motor wie z.B. einen 12-V-, 55-A-Drehstromgenerator. Wenn ein Motor ohne eine bestimmte Komponente bestellt wird, sind die letzten zwei Stellen dieses Gruppencodes 9.

#### Informazioni per il cliente

l codici ricambio indicati nel presente catalogo ricambi erano corretti alla data di pubblicazione del catalogo stesso. Come da politica John Deere, continuiamo a migliorare i nostri prodotti. Pertanto, per l'ordinazione dei componenti, verificare i codici ricambio con il concessionario.

#### Unità di misura del sistema internazionale

In questo catalogo ricambi vengono fomiti valori metrici, ove applicabili.

#### Identificazione della resistenza della viteria

La viteria dotata di proprietà di resistenza elevate equivalenti a 10.9 in caso di classe metrica (SAE grado 8) o valore superiore è identificata nel presente catalogo mediante l'indicazione 10.9, 12.9 o 14.9. Tutta la viteria standard è pari o inferiore a 8.8 in caso di classe metrica (SAE grado 5).

#### Informazioni sui numeri di matricola

Le informazioni sui numeri di matricola mostrano su quale macchina può essere usato ciascun componente; ad esempio:

	_	Il componente può essere usato su tutti i prodotti.
000000	-	ll componente può essere usato sui prodotti a partire dal numero di matricola indicato.
	- 000000	Il componente può essere usato sui prodotti fino al numero di matricola indicato incluso.
000000	- 000000	ll componente può essere usato sui prodotti compresi tra i numeri di matricola indicati ed inclusi.

Se è presente XXXXXX al posto del numero di matricola significa che è stata effettuata una modifica, ma il numero di matricola esatto non era disponibile al momento della stesura del catalogo.

#### Illustrazioni

Le illustrazioni presenti in questo catalogo vengono fornite esclusivamente a scopo di riferimento per rivenditori e clienti. Dette illustrazioni non rappresentano necessariamente l'aspetto effettivo dei componenti.

#### Illustrazioni racchiuse in un riquadro

I componenti numerati racchiusi in un riquadro nell'illustrazione sono disponibili come gruppo ricambi o attrezzo. Inoltre, tali componenti possono includere pezzi non disponibili per la manutenzione. Le illustrazioni non sempre mostrano tutti i componenti di un attrezzo. Un riguadro non numerato include componenti non attuali.

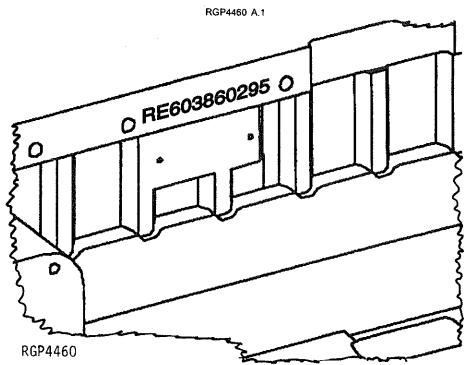
#### Orientamento del motore

I lati destro (dx) e sinistro (sx) si intendono sostando presso il volano e rivolti verso il motore.

#### Componenti ricondizionati John Deere

I ricambi RICONDIZ. elencati in questo catalogo sono destinati alla riparazione o sostituzione di componenti delle attrezzature originali difettosi o usurati. I componenti ricondizionati John Deere vengono fabbricati nel rispetto dei rigorosi standard John Deere e sono conformi alle specifiche originali John Deere che includono i più recenti aggiornamenti progettuali e prestazionali.

# Identificazione numero di matricola monoblocco corto



Numero di matricola stampigliato nel pezzo fuso del monoblocco, presso l'ubicazione della precedente targhetta del numero di matricola.

1.	RE60386	Codice ricambio
2.	02	Mese di montaggio
3.	95	Anno di montaggio

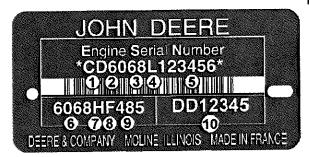
# Marchi commerciali

In questo catalogo ricambi sono presenti i marchi commerciali Deere and Company indicati di seguito.

SERVICEGARD™	Funk™	DEERE™ (Deere™)
Phoenix™	Phoenix International™	PowerTech™
PowerTech™ E	PowerTech™ M	PowerTech™ Plus
Precision Joint™	SHIFT-O-MATIC™	SWEDA™ (Super Wide Extreme Dual Axle)
TeamMate™	TeamMate™II	TeamMate™ IV
TMII™	TMIII™	John Deere Reman™

# Targhetta numero di matricola motore — 4045 e 6068

RGP11355 A.1





Il numero di matricola motore è composto da 13 caratte	eri
Prima riga	Significato
1 — Due lettere che indicano l'unità di produzione del motore	PE: Torreon, Messico, CD: Saran, Francia, JX: Rosario, Argentina, UG: Teda, Cina
2 — Una cifra che indica il numero di cilindri.	4 cilindri, 6 cilindri
3 — Tre cifre che indicano la cilindrata in litri	045: 4,5 litri, 068: 6,8 litri
4 — Una lettera che indica il livello di emissioni	B= non certificato C= livello emissioni Tier1/Fase I G= livello emissioni Tier 2/Fase II L= livello emissioni Tier 3/Fase IIIA R= livello emissioni Interim Tier 4/Fase IIIB U o V= livello emissioni Final Tier 4/Fase IV
5 — Sei cifre	123456= numero sequenziale di fabbricazione motore. I numeri sequenziali iniziano da 000001
Il tipo di motore è indicato da 9 caratteri alfanumerici	
6 — Quattro cifre	Vedi precedenti punti 2 e 3
7 — Una lettera che indica il tipo di aspirazione D= aspirazione naturale T= con turbocompressore H= con turbocompressore e postrefrigeratore aria-aria S= con turbocompressore e postrefrigeratore aria-aria	
8 — Una o due lettere che indicano l'applicazione OEM	F: OEM, FM: Marino, FH: HazLoc, FN: gas naturale compresso
8 — Una o due lettere che indicano l'applicazione veicoli John Deere	DW, KV: costruzione, RW, LV, L, BM: trattore, TJ: silvicoltura, H, Z, CQ : mietitrebbia, N: raccoglitrice/irroratrice, E: Falcia-andanatrice
9 Due o tre cifre che indicano la versione	485
10 — due lettere e 5 o 6 cifre per il codice ricambio del motore	DD12345 (solo per i motori costruiti a Saran)

#### Note ed abbreviazioni

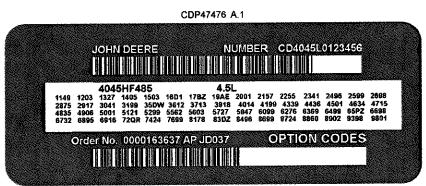
Le note e le abbreviazioni indicate di seguito possono essere presenti in tutto questo catalogo ricambi. Fare riferimento alla tabella riportata di seguito.

Frase	Nome per esteso	Frase	Nome per esteso
ALSO ORDER, ORD W/	Altri componenti da ordinare	MFWD	Trazione anteriore meccanica
АМР	Ampere	NA, NOT USED THIS APPL	Non utilizzato per questa applicazione
APPL, APPL ONLY	Solo questa applicazione	NLA	Non più disponibile
AR	Secondo necessità	NSEP	Non disponibile separatamente
ASSY	Gruppo completo	OD	Diametro esterno
CCW	Senso antiorario	OPTIONAL	Opzionale
COMPLETE	Completato	OR	Oppure
COMPLETE GOODS	Merci complete	ORD, ORDER	Ordine
CONVENIENCE ASSY, CA	Gruppo ausiliario	OS	Sovradimensione
CTL, CUT TO LENGTH	A misura	PKG, PACKG	Confezione, pacco da
CW	Senso orario	REAR	Lato posteriore
ENGINE	Motore	REMAN	Ricondizionato
FOR	Per	REPL	Sostituisce
FRONT	Anteriore	RH	Destra
GAS	Benzina	SN	Numero di serie
ID	Diametro interno	STD	Standard
INCH	Pollici	SUB	Sostituito da
INCL, INCLUDES	Include	SUB COMPONENTS	Componenti sostitutivi (del kit o del gruppo)
INNER	Interno	SUB FOR	Sostituisce il
КІТ	Kit	TEETH, Z	Numero di denti dell'ingranaggio
LGTH	Lunghezza	ТК	Spessore
LH	Sinistra	UP, UPPER	Superiore
LOW, LOWER	Inferiore	US	Sottodimensionato
MAKE FROM, MF	Fabbricare da	USE UNTIL EXHAUSTED	Usare fino ad esaurimento
MARKED	Contrassegnato	WHOLE GOODS	Merci complete
USE WITH	Usare con	W/O	Senza
INCL KEYS	Include le chiavette	w	Con
BULK	Gruppo	CONTAINS	Contiene
CONSISTS OF	Costituito da	CUT FROM	Tagliato da
ESN	Numero di serie motore	MATCHED SET	Gruppo unico
OUTER	Esterno	РТО	Presa di forza
SUB THIS APPLICATION	Sostituisce questa applicazione	SUB FOR THIS APPLICATION	Da sostituire a questa applicazione
T.A., THIS APPLICATION	Questa applicazione	VSN	Numero di matricola veicolo

#### Etichetta codici opzioni motore

 Adds
 Adds

Oltre alla targhetta del numero di matricola, i motori OEM sono provvisti di un'etichetta dei codici delle opzioni fissata sul coperchio dei bilancieri. Questi codici indicano quali sono le opzioni installate in fabbrica sul motore in questione. In caso di richiesta di ricambi o di assistenza, indicare questi codici al concessionario autorizzato alla manutenzione o al rivenditore del motore. Le prime cifre di ogni codice indicano un gruppo particolare, ad es. l'alternatore. Le ultime due cifre identificano uno specifico accessorio opzionale in dotazione al motore, ad esempio un alternatore da 12 V e 55 A. Se si ordina un motore senza componenti particolari, le ultime cifre del codice delle opzioni di quel gruppo funzionale saranno 9.



# Etichetta codici opzioni motore

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#### Al cliente

Los números de pieza en este catálogo de piezas eran correctos al momento de la publicación. Conforme a la política de John Deere, mejoramos los productos continuamente. Por lo tanto, al pedir piezas, consultar al concesionario para verificar los números de pieza.

#### Unidades de medida SI

Siempre que sea aplicable, en todo este catálogo de piezas las dimensiones se indican en el sistema métrico.

#### Identificación de resistencia de pernos y tornillos

Los pernos y tornillos que deben tener características de resistencia alta equivalentes al valor de sistema métrico 10,9 (grado 8 de SAE) o superior se identifican en este catálogo con la descripción 10,9; 12,9 ó 14,9. Todos los pernos y tornillos estándar son del valor de sistema métrico 8,8 (grado 5 de SAE) o inferior.

#### Información de lista de número de serie

La información de número de serie se lista para indicar las máquinas en las cuales se puede usar un componentes; por ejemplo:

	-	El componente puede usarse en todos los productos.
000000	-	El componente puede usarse en los productos a partir del número de serie listado.
	- 000000	El componente puede usarse en los productos hasta e inclusive el número de serie listado.
000000	- 000000	El componente puede usarse en los productos entre e inclusive el número de serie listado.

Cuando XXXXXX aparece en lugar de un número de serie, quiere decir que se modificó el número de serie, pero el número de serie preciso no estaba disponible al momento de la publicación.

#### llustraciones

El propósito de las ilustraciones de este catálogo es únicamente servir de referencia para los concesionarios y clientes. Estas ilustraciones no necesariamente representan la vista exacta de las piezas.

#### llustraciones encerradas en cuadros

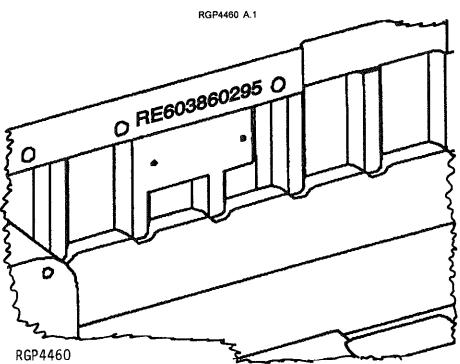
Los componentes con referencias encerradas en cuadros en la ilustración están disponibles como un conjunto de mantenimiento o un accesorio. Estas piezas pueden incluir otras que no estén disponibles como piezas de repuesto. Es posible que en las ilustraciones no se muestren todos los componentes individuales de un accesorio. Un cuadro sin referencia incluye componentes no actuales.

#### Orientación del motor

Los lados derecho (RH) e izquierdo (LH) se determinan al pararse junto al volante mirando hacia el motor.

#### Componentes remanufacturados de John Deere

Los componentes REMAN listadao en este catálogo están destinados a la reparación o la sustitución de componentes originales averiados o desgastados. Los componentes Reman de John Deere están fabricados bajo estrictas normas de John Deere y realizados según las especificaciones originales de John Deere que incorporan las últimas actualizaciones y mejoras del diseño y del rendimiento.



#### Identificación de número de serie de bloque corto

El número de serie está estampado en la pieza fundida del bloque, cerca de la chapa del número de serie anterior. 1. RE60386 Número de pieza de repuesto

2.	02	Mes de fabricació
3.	95	Año de fabricació

# Marcas comerciales

En este catálogo de piezas pueden aparecer las siguientes marcas comerciales de Deere and Company:

Best Bid™	CounterParts™	DEERE™ (Deere™)
Dura-Trax™	Fanggs™	Guardian™
НТН™	Jagz™	JDLink™
MARKS™	MIC™ [Centro de información de máquina]	MTH™
Power Curve™	Powerllel™	PowerShift Plus™
Powerwize™	POWR SAVR™	Powrshift™
ProPath™	Quad-Cool™	Quik-Tatch™
SC-2™	Side-Tracker™	Stinger™
StructureALL™	Swamper™	TMC™ [Control total de la máquina]
ValueSelect™	Waratah™	Worksite Pro™
FlexBox™	Funk™	iTorque™
Phoenix™	Phoenix International™	PowerTech™
PowerTech™ E	PowerTech™ M	PowerTech™ Plus
Precision Joint™	SHIFT-O-MATIC™	SWEDA™ (eje doble extremo súper ancho)
TeamMate™	TeamMate™II	TeamMate™ IV
ТМІІ™	ТМШ™	

# Chapa de identificación del motor - 4045 y 6068

RGP11355 A.1





El número de serie del motor consta de 13 caracteres	
Primer renglón	Designa
1 — Dos letras para designar la fábrica del motor	PE: Torreón, México, CD: Saran, Francia, JX: Rosario, Argentina, UG: Teda, China
2 - Un dígito para la cantidad de cilindros.	4 cilindros, 6 cilindros
3 — Tres dígitos para la cilindrada en litros	045: 4,5 litros, 068: 6,8 litros
4 — Una letra para el nivel de emisiones	B= Sin certificación C= Nivel de emisiones Tier 1/Fase I G= Nivel de emisiones Tier 2/Fase II L= Nivel de emisiones Tier 3/Fase IIIA R= Nivel de emisiones Tier 4 provisional/Fase IIIB U o V= Nivel de emisiones Tier 4 Final/Fase 4
5 — Seis dígitos	123456= Número secuencial de fabricación del motor. Los números secuenciales empiezan en 000001
El tipo de motor consta de 9 caracteres alfanuméricos	
6 — Cuatro dígitos Igual a los puntos 2 y 3 anteriores	
<ul> <li>7 — Una letra para indicar el tipo de aspiración</li> <li>A= Turboalimentado con enfriador del aire de carga tipo aire- D= Aspiración natural</li> <li>T= Turboalimentado</li> <li>H= Turboalimentado con enfriador del aire de carga tipo aire- S= Turboalimentado con enfriador del aire de carga tipo aire- mar</li> </ul>	
8 — Una o dos letras para indicar la aplicación del OEM	F: OEM, FM: Marino, FH: Ubicaciones peligrosas, FN: Gas natural comprimido
8 — Una o dos letras para indicar la aplicación del vehículo John Deere	DW, KV: Construcción, RW, LV, L, BM: Tractor, TJ: Silvicultura, H, Z, CQ: Cosechadora, N: Cosechadora/pulverizador, E: Segadora hileradora
9 — Dos o tres dígitos para indicar la versión	485
10 — Dos letras y 5 o 6 dígitos para el número de pieza del motor	DD12345 (solo motores fabricados en Saran)

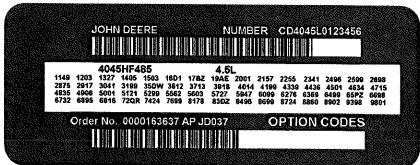
# Comentarios y abreviaturas

Los comentarios y las abreviaturas siguientes pueden aparecer en este catálogo de piezas. Consultar la tabla siguiente para las traducciones.

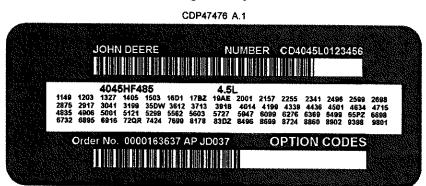
raducciones.		T T _	
Frase	Significado	Frase	Significado
ALSO ORDER, ORD W/	Pida también	MFWD	Tracción delantera mecánica
AMP	Amperio	NA, NOT USED THIS APPL	No se usa para esta aplicación
APPL, APPL ONLY	Esta aplicación solamente	NLA	Ya no está disponible
AR	Según sea necesario	NSEP	No disponible por separado
ASSY	Conjunto completo	OD	Diámetro exterior
CCW	En sentido contrahorario	OPTIONAL	Opcional
COMPLETE	Completo	OR	0
COMPLETE GOODS	Mercancía completa	ORD, ORDER	Pedir
CONVENIENCE ASSY, CA	Conjunto de comodidad	OS	Sobretamaño
CTL, CUT TO LENGTH	Corte a medida	PKG, PACKG	Paquete, paquete de
cw	En sentido horario	REAR	Traseras
ENGINE	Motor	REMAN	Remanufacturado
FOR	Para	REPL	Reemplaza a
FRONT	Parte delantera	RH	Lado derecho
GAS	Gasolina	SN	Número de serie
ID	Perímetro interior	STD	Estándar
INCH	Pulgada	SUB	Sustituido por
INCL, INCLUDES	Incluye	SUB COMPONENTS	Sustituir componentes (del juego o conjunto)
INNER	Interior	SUB FOR	Sustitución para
КІТ	Juego	TEETH, Z	Número de dientes de engranaje
LGTH	Longitud	тк	Espesor
LH	Lado izquierdo	UP, UPPER	Superior
LOW, LOWER	Inferior	US	Subtamaño
MAKE FROM, MF	Fabricar de	USE UNTIL EXHAUSTED	Usar hasta que se acabe
MARKED	Marcado	WHOLE GOODS	Mercancía completa
USE WITH	Usar con	W/O	Sin
INCL KEYS	Incluye los elementos	W	Con
BULK	A granel	CONTAINS	Contiene
CONSISTS OF	Consta de	CUT FROM	Cortar a partir de
ESN	Número de serie del motor	MATCHED SET	Conjunto apareado
OUTER	Exterior	PTO	Toma de fuerza
SUB THIS APPLICATION	Sustituir esta aplicación	SUB FOR THIS APPLICATION	Sustituir por esta aplicación
T.A., THIS APPLICATION	Esta aplicación	VSN	Número de serie del vehículo

#### Etiqueta de código de opción del motor

CDP47476 A.1



Además de la chapa de identificación, los motores OEM tienen una etiqueta con códigos de opción del motor fijadas en la tapa de balancines. Dichos códigos indican qué equipamientos opcionales se instalaron en fábrica en el motor en cuestión. Cuando necesite recambios o servicio, indique estos números a su distribuidor de motores o su concesionario. Los dos primeros digitos de cada código identifican un grupo específico, por ejemplo alternadores. Los últimos dos digitos de cada código identifican una opción específica instalada en el motor, tal como un alternador de 12 V y 55 A. Si se pide un motor sin un componente dado, los dos últimos digitos de ese código de opciones para el grupo funcional serán 9.



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#### Till kunden

Numren i denna reservdelskatalog var korrekta när katalogen utgavs. I enlighet med John Deeres policy förbättrar vi konstant våra produkter. Bekräfta därför numren med din återförsäljare vid beställning av reservdelar.

#### Si-måttenheter

Metriska mått visas i denna reservdelskatalog där de är tillämpliga.

#### Hållfasthetsidentifiering för bultar och skruvar

Bultar och skruvar, som kräver samma hållfasthet som metrisk klass 10.9 (SAE-klass 8) eller högre, identifieras i denna katalog genom beskrivningen 10.9, 12.9 or 14.9. Alla standardbultar och skruvar är av metrisk klass 8.8 (SAE-klass 5) eller lägre.

#### Upptagen serienummerinformation

Serienummerinformationen upptas för att visa på vilka maskiner reservdelen kan användas; exempelvis:

- Reservdelen kan användas på alla produkter.
- 000000 Reservdelen kan användas på produkter som börjar med det upptagna serienumret.
  - 000000 Reservdelen kan användas på produkter t.o.m det upptagna serienumret.
- 000000 000000 Reservdelen kan användas på produkter mellan och inklusive de upptagna serienumren.

När XXXXXX anges istället för ett serienummer, har serienumret ändrats, men det verkliga serienumret var inte tillgängligt, när katalogen trycktes.

#### Illustrationer

Illustrationerna i denna katalog är endast avsedda som referens för återförsäljare och kunder. Illustrationerna utgör inte alltid en exakt bild av delarna.

#### **Bilder i rutor**

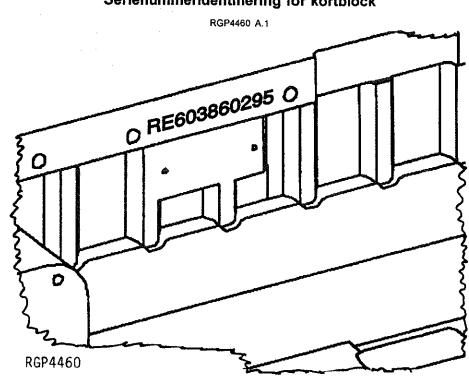
Referensnumrerade delar på bilden, som visas i särskilda rutor, är tillgängliga som en serviceenhet eller ett tillbehör. Dessa delar kan också inkludera delar, som inte är tillgängliga för service. Bilderna kanske inte visar alla individuella delar i ett tillbehör. En ruta utan referensnummer inkluderar delar som inte är uppdaterade.

#### Motorns inriktning

Avgör "höger" och "vänster" genom att stå vid svänghjulet och titta mot motorn.

#### John Deeres omarbetade komponenter

De omarbetade reservdelarna som är upptagna i denna katalog är avsedda för reparation eller byte av utrustningens originalkomponenter. John Deeres omarbetade komponenter är tillverkade efter John Deeres stränga standarder och har producerats efter John Deeres originalspecifikationer som omfattar de senast uppdaterade utformnings- och prestationsförbättringarna.



# Serienummeridentifiering för kortblock

Serienumret stansat på blockets gjutstycke nära den tidigare serienummerplåten.

- 1. RE60386
- 2. 02
- 3. 95

Reservdelsnummer

Tillverkningsmånad

Tillverkningsår

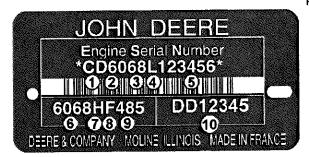
#### Varumärken

Genomgående i denna katalog återfinns följande Deere and Company varumärken.

**SERVICEGARD™** Funk™ DEERE™ (Deere™) Phoenix™ Phoenix International™ PowerTech<sup>™</sup> PowerTech™ E PowerTech™ M PowerTech™ Plus Precision Joint™ SHIFT-O-MATIC™ SWEDA™ (Super Wide Extreme Dual Axle) TeamMate™ TeamMate™II TeamMate™ IV TMII™ TMIII™ John Deere Reman™

# Motorns serienummerplåt – 4045 och 6068

RGP11355 A.1





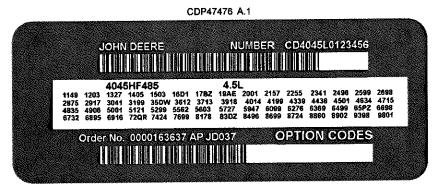
Motorns serienummer anges med 13 tecken		
Första raden	Anger	
1 – Två bokstäver för motorns fabriksbeteckning	PE: Torreon, Mexiko, CD: Saran, Frankrike, JX: Rosario, Argentina, UG: Teda, Kina	
2 – En siffra för antalet cylindrar.	4 cylindrar, 6 cylindrar	
3 – Tre siffror för slagvolymen i liter	045: 4,5 liter, 068: 6,8 liter	
4 – En bokstav för utsläppsnivån	B= Ej intygad C= Utsläppsnivå Tier1/Stage I G= Utsläppsnivå Tier 2/Stage II L= Utsläppsnivå Tier 3/Stage IIIA R= Utsläppsnivå Interim Tier 4/Stage IIIB U eller V= Utsläppsnivå Final Tier 4/Stage IV	
5 – Sex siffror	123456 = Löpnummer för motortillverkningen. Löpnummer börjar med 000001	
Motortypen definieras med nio alfanumeriska tecken		
6 – Fyra siffror	Samma som punkt 2 och 3 ovan	
7 – En bokstav för typen av insugning	A= Turboladdad med luft-till-vatten mellankylare D= Naturlig insugning T= Turboladdad H= Turboladdad med luft-till-luft mellankylare S= Turboladdad med luft-till-sjövatten mellankylare	
8 – En eller två bokstäver för OEM-tillämpning	F: OEM, FM: Marin, FH: HazLoc, FN: Komprimerad naturgas	
8 – En eller två bokstäver för John Deeres fordonstillämpning	DW, KV: Konstruktion, RW, LV, L, BM: Traktor, TJ: Skogsbruk, H, Z, CQ: Tröska, N: Plockare/Spruta, E: Strängläggare	
9 – Två eller tre siffror för versionen	485	
10 – Två bokstäver och fern eller sex siffror för motorns artikelnummer	DD12345 (enbart Saran-motorer)	

# Anmärkningar och förkortningar

Anmärkningarna och förkortningarna nedan kan förekomma i denna reservdelskatalog. Se förklaringarna i efterföljande tabell.

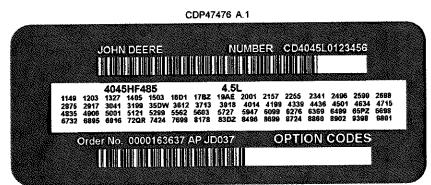
Fras	Förklaring	nna reservdelskatalog. Se förklarin	Förklaring
ALSO ORDER, ORD W/	Beställ även	MFWD	Mekanisk framhjulsdrift
АМР	Ampere	NA, NOT USED THIS APPL	Används inte för denna tillämpning
APPL, APPL ONLY	Enbart denna tillämpning	NLA	Ej längre tillgänglig
AR	Vid behov	NSEP	Ej tillgänglig separat
ASSY	Komplett enhet	OD	Ytterdiameter
CCW	Moturs	OPTIONAL	Tillval
COMPLETE	Slutfört	OR	Eller
COMPLETE GOODS	Allt material	ORD, ORDER	Order
CONVENIENCE ASSY, CA	Bekvämlighetsenhet	OS	Överdimensionerad
CTL, CUT TO LENGTH	Måttbeställd	PKG, PACKG	Paket, Paket med
CW	Medurs	REAR	Bak
ENGINE	Motor	REMAN	Omarbetad
FOR	För	REPL	Ersätter
FRONT	Fram	RH	Höger
GAS	Bensin	SN	Serienummer
ID	Innerdiameter	STD	Standard
INCH	Tum	SUB	Ersatt av
INCL, INCLUDES	Innefattar	SUB COMPONENTS	Ersättningskomponenter satsen eller enheten)
INNER	Inre	SUB FOR	Ersättning för
KIT	Sats	TEETH, Z	Antal kuggar
LGTH	Längd	ТК	Tjocklek
LH	Vänster	UP, UPPER	Övre
LOW, LOWER	Undre	US	Underdimensionerad
MAKE FROM, MF	Tillverkad av	USE UNTIL EXHAUSTED	Använd tills förbrukad
MARKED	Märkt	WHOLE GOODS	Helt parti
USE WITH	Används med	W/O	Utan
INCL KEYS	Innefattar nycklar	W	Med
BULK	Bulklast	CONTAINS	Innehåller
CONSISTS OF	Består av	CUT FROM	Skuren från
ESN	Motorns serienummer	MATCHED SET	Anpassad sats
OUTER	Yttre	РТО	Kraftuttag
SUB THIS APPLICATION	Ersätt denna tillämpning	SUB FOR THIS APPLICATION	Ersättning för denna tillämpning
T.A., THIS APPLICATION	Denna tillämpning	VSN	Fordonets serienummer

#### Etikett med motorns utrustningskoder



Förutom serienummerplåten har OEM-motorer en etikett med tillbehörskoder, som sitter på vipparmslocket. Dessa koder anger vilka tillbehör, som installerades på motorn av fabriken. Vid behov av reservdelar eller service måste återförsäljaren eller distributören få veta dessa nummer. De första två siffrorna i var kod identifierar en särskild grupp, såsom generatorer. De sista två siffrorna i var kod identifierar en särskild grupp, såsom generatorer. De sista två siffrorna i var kod identifierar en särskild sentor på 12 volt, 55 A. Om en motor har beställts utan en särskilt komponent, är de sista två siffrorna i koden för den funktionsgruppen 9.

#### Etikett med motorns utrustningskoder



Förutom serienummerplåten har OEM-motorer en etikett med tillbehörskoder, som sitter på vipparmslocket. Dessa koder anger vilka tillbehör, som installerades på motorn av fabriken. Vid behov av reservdelar eller service måste återförsäljaren eller distributören få veta dessa nummer. De första två siffrorna i var kod identifierar en särskild grupp, såsom generatorer. De sista två siffrorna i var kod identifierar en särskild grupp, såsom generatorer. De sista två siffrorna i var kod identifierar en särskild senter på 12 volt, 55 A. Om en motor har beställts utan en särskilt komponent, är de sista två siffrorna i koden för den funktionsgruppen 9.

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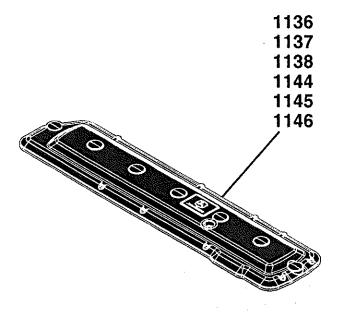
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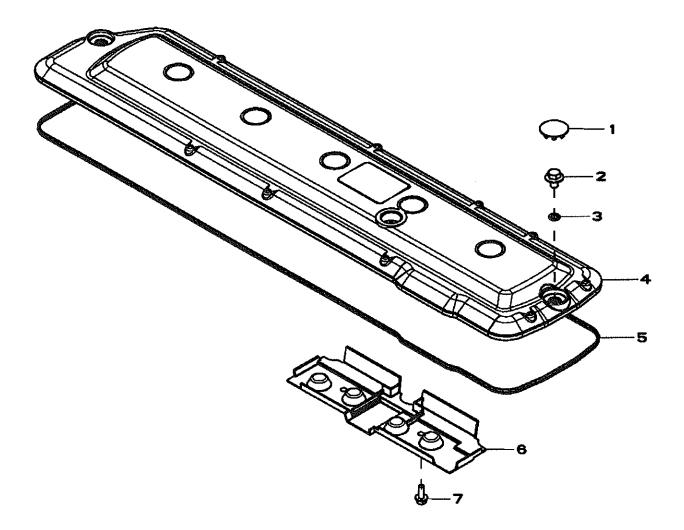
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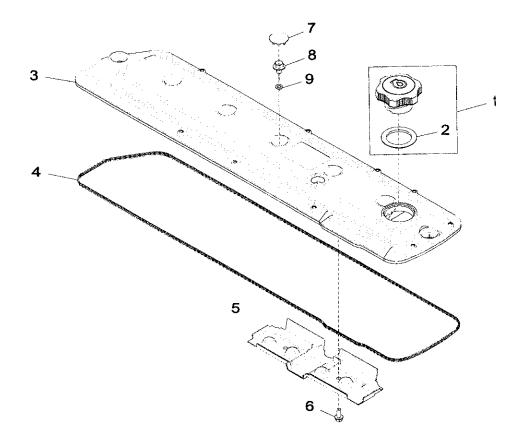
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Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks	
1 2 3	H23125 R521390 R123575	Plug Screw O-Ring	7 7 7 7			
456	R522198 R524497 R515555	Valve Cover Gasket Deflector	1		SUB FOR R504882	
7	19M7775 R521401	Screw Medallion	2 AR		M6 X 16	

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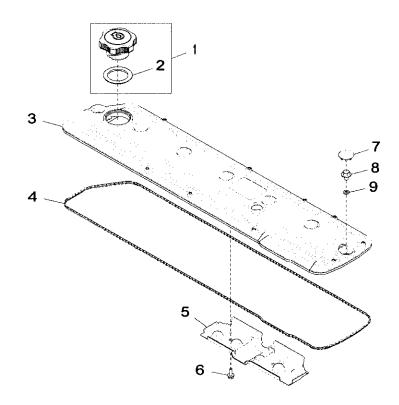


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Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks	
1	RE500005	Filler Cap	1	С	RDER RE535560	
2	RE535560 R500001	Filler Cap Packing	1	с	RDER R502902	
3	R502902 R521470 R522200	Packing Valve Cover Valve Cover	1	C	RDER R522200	
4 5	R504882 R524497 R515555	Gasket Gasket Deflector	1 1 1	С	RDER R524497	
6 7 8	19M7775 H23125 R521390	Screw Plug Screw	2 7 7 7	N	16 X 16	
9	R123575	O-Ring	7			······································

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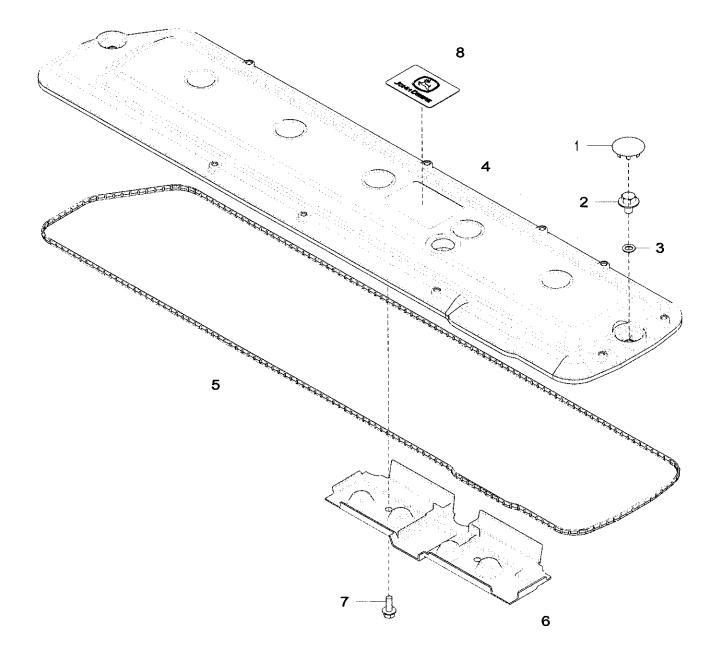
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Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks	
1	RE500005 RE535560 R502902	Filler Cap Filler Cap Packing	1		ORDER RE535560	
3	R521469 R522199 R504882	Valve Cover Valve Cover Gasket	1 1 1	• • • • • • • • • • • • • • • • • • •	ORDER R522199 ORDER R524497	<u> </u>
5	R524497 R515555 19M7775	Gasket Deflector Screw	1 1 2		M6 X 16	<b>UNAL MARKANI AND AND AND AND AND AND AND AND AND AND</b>
7 8 9	H23125 R521390 R123575	Plug Screw O-Ring	7 7 7 7		ουντητής <b>Π</b> α Δ. <sup>2</sup> . Δ. <b>Ε΄</b> - Ο - Υγορηγοργία ματά το το το Το Το - Υγουργία του Το - Το - Υγουργία του Το - Το - Υγουργία του Το - Το	

PC11936 (H.1) PowerTech™ Plus 6.8L 6068AFM85 Diesel OEM Marine (Tier 3 Engine) ST865085(B.1)

1144 Rocker Arm Cover 1144 Cache-culbuteurs 1144 Kipphebeldeckel 1144 Coperchio bilancieri 1144 Tapa de balancines 1144 Vipparmslock

1144\_RE527023\_PCD A.1



1144\_RE527023\_PCD

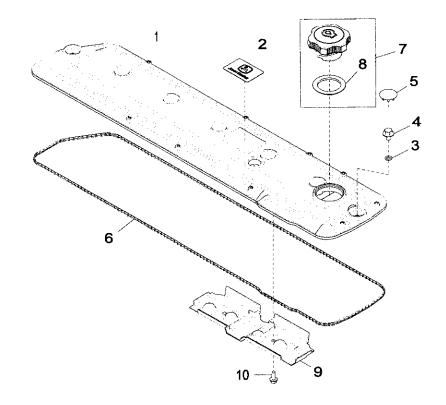
## 1100 Rocker Arm Cover 6068AFM85

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks	
1 2 3	H23125 R521390 R123575	Plug Screw O-Ring	7 7 7 7			
4 5 6	R522198 R524497 R515555	Valve Cover Gasket Deflector	1			
7 8	19M7775 R521401	Screw Medallion	2 1	Ň	16 X 16	·

1

1145 Rocker Arm Cover 1145 Cache-culbuteurs 1145 Kipphebeldeckel 1145 Coperchio bilancieri 1145 Tapa de balancines 1145 Vipparmslock

1145\_RE527024\_PCD C.1

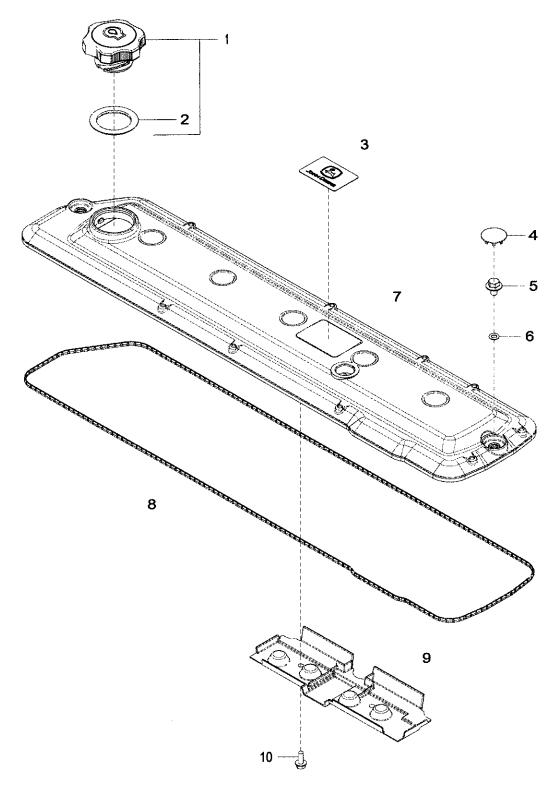


1145\_RE527024\_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks	
1	R521470 R522200 R521401	Valve Cover Valve Cover Medallion	1		ORDER R522200	
3 4 5	R123575 R521390 H23125	O-Ring Screw Plug	7 7 7 7			
6	R504882 R524497	Gasket Gasket	1		ORDER R524497	
7	RE500005	Filler Cap	1		ORDER RE535560	
8 9	RE535560 R502902 R515555	Filler Cap Packing Deflector	1 1			<u></u>
10	19M7775	Screw	2		M6 X 16	

1146 Rocker Arm Cover 1146 Cache-culbuteurs 1146 Kipphebeldeckel 1146 Coperchio bilancieri 1146 Tapa de balancines 1146 Vipparmslock

1146\_RE527025\_PCD A.1



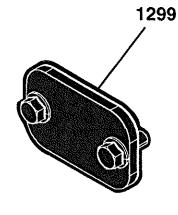
1146\_RE527025\_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks	
1 2 3	RE535560 R502902 R521401	Filler Cap Packing Medallion	1		SUB FOR RE500005 SUB FOR R500001	
4 5 6	H23125 R521390 R123575	Plug Screw O-Ring	7 7 7 7			<u> </u>
7 8 9	R522199 R524497 R515555	Valve Cover Gasket Deflector	1		SUB FOR R521469 SUB FOR R504882 SUB FOR R522488	
10	19M7775	Screw	2		M6 X 16	

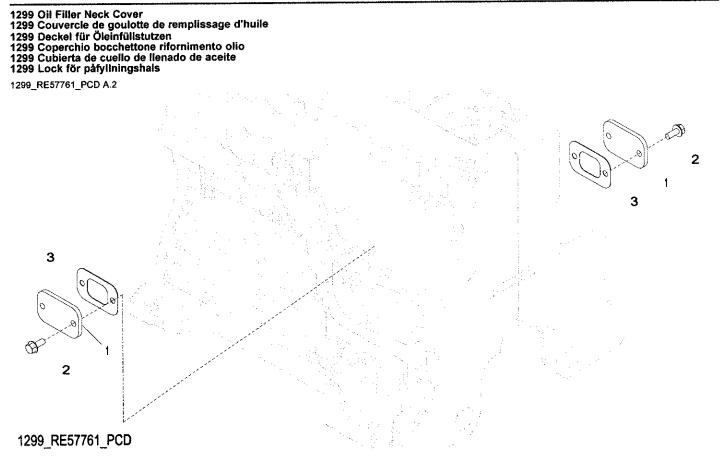
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RGP16964 A.1

1299- 64



RGP16964



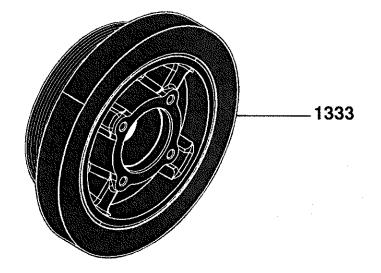
### 1200 Oil Filler 6068AFM85

Key	Part No.	Part Name	Qty.	Engine Serial No.	Re	emarks
1 2 3	R116296 RE67238 R136495	Cover Screw Gasket	2 4 2		(A) M8 X 20	
23	RE67238 R136495 Threads With Pre- Filetages avec pro Gewinde mit vora Filetti con sigillant Roscas con pasta Gängor med reda	Cover Screw Gasket Applied Sealant Jouit d'étanchéité préappliqué ufgetragenem Dichtmittel e preapplicato selladora preaplicada n applicerat tätningsmedel	24		(A) M8 X 20	

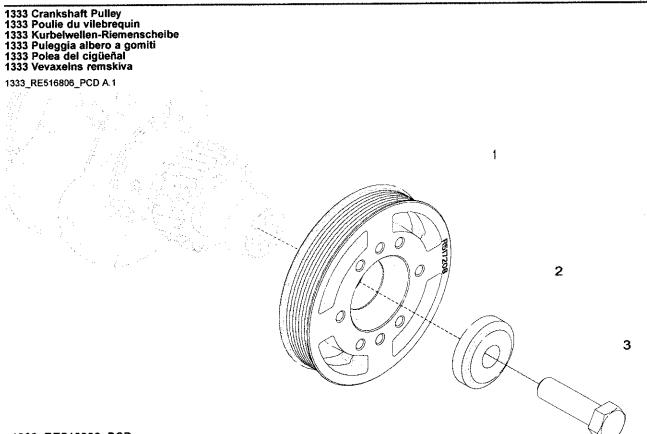
Sectional Pictorial Index Index d'illustrations par sections. Gruppenbildindex Indice illustrato delle sezioni Indice de ilustraciones por secciones Avsnittsbildregister

RGP16965 A.1

1333- 68



RGP16965



1333\_RE516806\_PCD

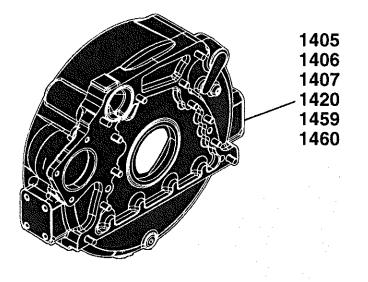
Key	Part No.	Part Name	Engine Qty. Serial No. Remarks
1 2 3	R545126 R517237 R516648	Pulley Bushing Cap Screw	1 SUB FOR R517208
<u> </u>			

Sectional Pictorial Index Index d'illustrations par sections. Gruppenbildindex Indice illustrato delle sezioni Indice de ilustraciones por secciones Avsnittsbildregister

RGP16966 A.1

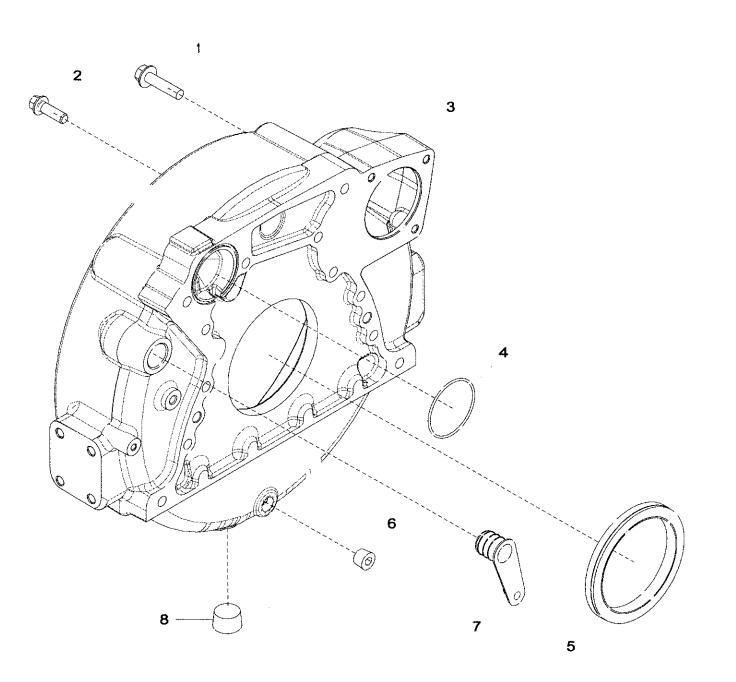
1400	Fb	ywheel	Housing	6068AFM85
1400	- 1- 12	AMUGGL	nousing	0000ML M02

	1405-	72
	1406-	74
1	1407-	76
	1420-	78
	1459-	80
	1460-	82



RGP16966

1405 Flywheel Housing 1405 Carter de volant-moteur 1405 Schwungradgehäuse 1405 Campana volano 1405 Caja de volante 1405 Svänghjulskåpa 1405\_RE59303\_PCD B.1



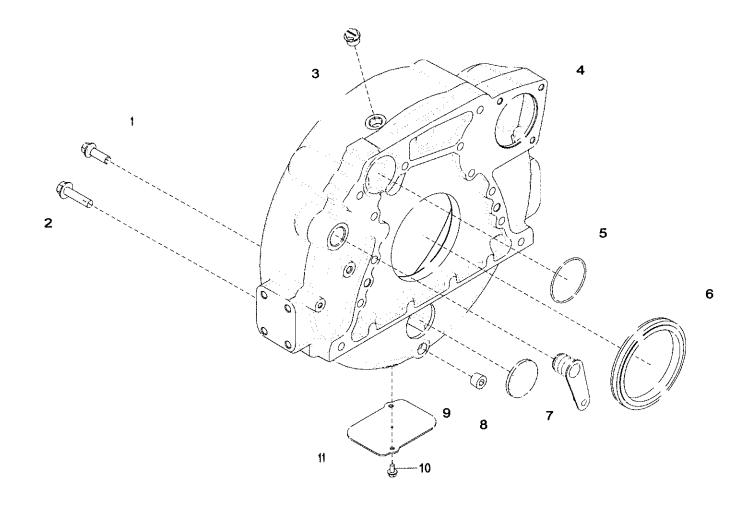
### 1405\_RE59303\_PCD

### 1400 Flywheel Housing 6068AFM85

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks	
1 2 3	19M8306 R135918 R503450	Screw Bolt Housing	4 8 1		M12 X 50	
4 5 6	R61467 RE44574 15H584	O-Ring Seal Pipe Plug	1		1/2"	<b> </b>
7 8	R131769 15H562	Plug Pipe Plug	1		1"	**************************************

1406 Flywheel Housing 1406 Carter du volant-moteur 1406 Schwungradgehäuse 1406 Campana volano 1406 Caja del volante del motor 1406 Svänghjulskàpa

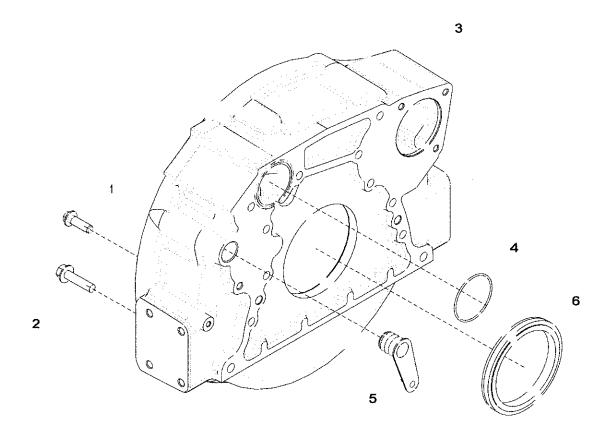
1406\_RE59299\_PCD A.1



1406\_RE59299\_PCD

Key	Part No.	Part Name	Qty. S	Engine erial No. Remarks	3
1 2 3	R135918 19M8306 AR106083	Bolt Screw Plug	8 4 1	M12 X 50	
4 5 6	R503451 R61467 RE44574	Housing O-Ring Seal	1	SUB FOR R13200	6
7 8 9	R131769 T13518 15H584	Plug Plug Pipe Plug	1 1 1	1/2"	
10 11	19M7774 R121039	Screw Plate	2	M6 X 12	<u></u>

1407 Flywheel Housing 1407 Carter de volant-moteur 1407 Schwungradgehäuse 1407 Campana volano 1407 Caja de volante 1407 Svänghjulskåpa 1407\_RE59441\_PCD A.1

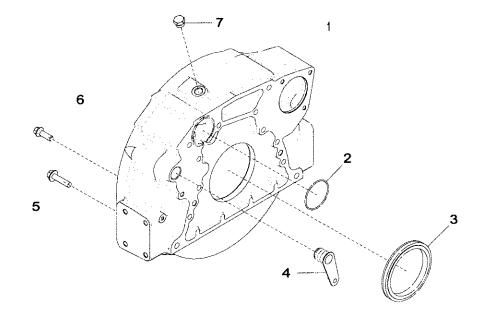


1407\_RE59441\_PCD

# 1400 Flywheel Housing 6068AFM85

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks		·····
1 2 3	R135918 19M8306 R503452	Bolt Screw Housing	8 4 1		M12 X 50 ALSO ORDER R6146	7	
1 23 4 5 6	R61467 R131769 RE44574	O-Ring Plug Seal	1 1				
					······		
							a a ser a

1420 Flywheel Housing 1420 Carter de volant-moteur 1420 Schwungradgehäuse 1420 Campana volano 1420 Caja de volante 1420 Svänghjulskåpa 1420\_RE500194\_PCD A.1



1420\_RE500194\_PCD

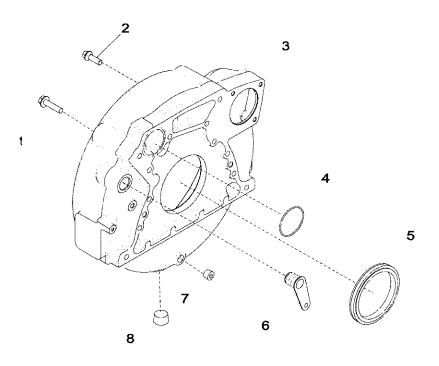
### 1400 Flywheel Housing 6068AFM85

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks	
1 2 3	R503453 R61467 RE44574	Housing O-Ring Seal	1			
4 5 6	R131769 19M8306 R135918	Plug Screw Bolt	1 4 8		M12 X 50	
7	R39112	Fitting	1			

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1459 Flywheel Housing 1459 Carter du volant-moteur 1459 Schwungradgehäuse 1459 Campana volano 1459 Caja del volante del motor 1459 Svänghjulskåpa

1459\_RE518278\_PCD A.1



1459\_RE518278\_PCD

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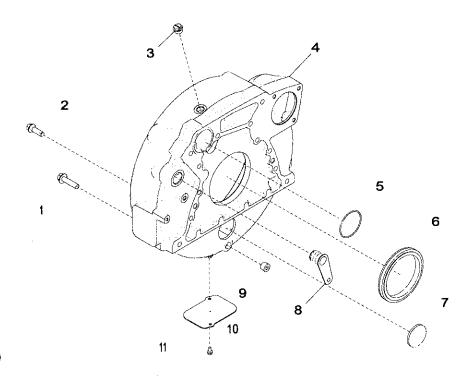
# 1400 Flywheel Housing 6068AFM85

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks	
1 2 3	19M8306 R135918 R516531	Screw Bolt Housing	4 8 1	M12 X	50	
4 5 6	R61467 RE44574 R131769	O-Ring Seal Plug	1		<u>n, ma an at at a second</u> aria parametri ana aria a d	
7 8	15H584 15H562	Pipe Plug Pipe Plug	1	1/2" 1"	· · · · · · · · · · · · · · · · · · ·	······································

PC11936 (H.1) PowerTech™ Plus 6.8L 6068AFM85 Diesel OEM Marine (Tier 3 Engine) ST152158(A.2)

1460 Flywheel Housing 1460 Carter du volant-moteur 1460 Schwungradgehäuse 1460 Campana volano 1460 Caja del volante del motor 1460 Svänghjulskåpa

1460\_RE518405\_PCD A.1



1460\_RE518405\_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks	
1 2 3	19M8306 R135918 AR106083	Screw Bolt Plug	4 8 1		M12 X 50	
4 5 6	R516889 R61467 RE44574	Housing O-Ring Seal	1	······		***********
7 8 9	T13518 R131769 15H584	Plug Plug Pipe Plug	1		1/2"	
10 11	19M7774 R121039	Screw Plate	2		M6 X 12	<u></u>

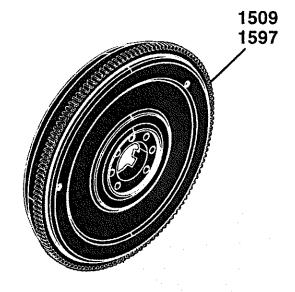
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RGP16967 A.1

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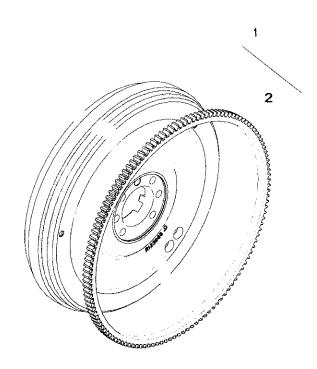
1509- 86 1597- 88



RGP16967

1509 Flywheel 1509 Volant-moteur 1509 Schwungrad 1509 Volano 1509 Volante de motor 1509 Svänghjul

1509\_RE59289\_PCD A.3



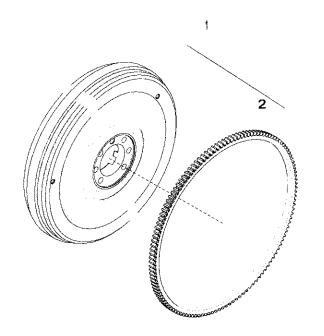
1509\_RE59289\_PCD

### 1500 Flywheel 6068AFM85

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks	
12	RE500516 R28811	Flywheel Ring Gear	1		MARKED R123966 Z = 129	
<u> </u>			<u> </u>			· · · · · · · · · · · · · · · · · · ·
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				- - -		

1597 Flywheel 1597 Volant-moteur 1597 Schwungrad 1597 Volano 1597 Volante de motor 1597 Svänghjul

1597\_RE529611\_PCD A.1



1597\_RE529611\_PCD

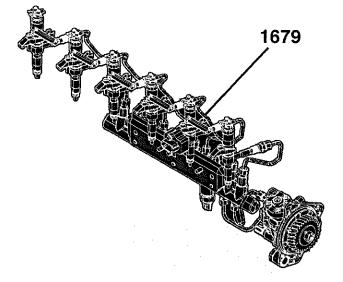
### 1500 Flywheel 6068AFM85

Key	Part No.	Part Name	Engine Qty. Serial No.	Remarks
1 2	RE529610 R28811	Flywheel Ring Gear	1	
				an an taon an t

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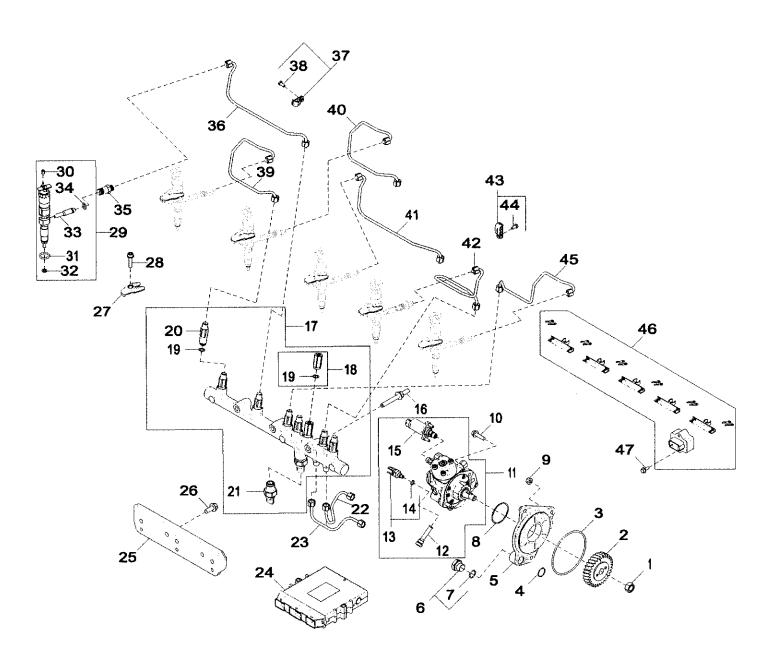
1679- 92



RGP16968

1679 Fuel Injection Pump 1679 Pompe d'injection 1679 Kraftstoffeinspritzpumpe 1679 Pompa di iniezione 1679 Bomba de inyección de combustible 1679 Bränsleinsprutningspump

1679\_RE540213\_PCD 8.2



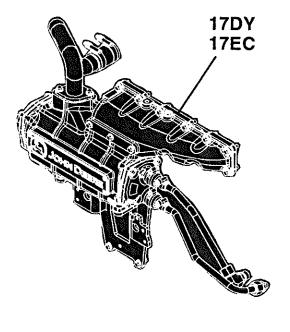
#### 1679\_RE540213\_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	R91360	Nut	1		
23	R502541 R55453	Gear O-Ring	1		
4	R116031	O-Ring	1	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
5 6	R504577 RE517370	Adapter Fitting Fitting	1		
7	51M7044	O-Ring			17.300 X 2.200 mm
8	R516125	O-Ring	i		
<u>9</u> 10	14M7298 19M7868	Flange Nut	3		M8
11	RE507959	Screw Fuel Injection Pump	2		M8 X 30 SUB FOR RE527528
	SE501915	Fuel Injection Pump Reman	1		REMAN FOR RE507959
12	SE501916 RE516999	Fuel Injection Pump Reman	1		REMAN FOR RE527528
12 13	RE516336	Screen Fuel Temperature Sensor	1		
14	R524234	O-Ring Control Valve	1		***************************************
15 16	RE530337 R529168	Control Valve Stud	1		
17	RE522596	Rail	<u>1</u>		
18 19	RE516335 R515454	Pressure Relief Valve Shim	1		
20	RE515636	Restrictor	6		
21	RE520930 RE544262	Sensor Fuel Line	1		
19 20 21 22 23 24 25 26 27 28	RE544263	Fuel Line	<u> </u>		SUB FOR RE527054 SUB FOR RE527055
24	RE531808 R521530	Electronic Control Unit Bracket	1		
<u>25</u> 26	19M7785	Screw	<u>1</u> 2	··· ···	M10 X 25
27	R522417	Clamp	6		M10 X 25 SUB FOR APPL R518345; USE WITH RE528096 SUB FOR APPL R518345; USE WITH R528096
28 29	RE528096 RE533454	Screw With Washer Injection Nozzle	6		SUB FOR APPL R504781; USE WITH R522417 ORDER DZ100218
29	SE501934	Injection Nozzle Reman	AR		REMAN FOR RE533454
	DZ100218 R134920	Nozzle Kit	6		SUB FOR RE533454 AND RE546780
30 31	R134920 R505452	Nut O-Ring	2		
32_	R131051	Washer	<u>i</u>		
32 33 34 35	RE522594 R65397	Tube O-Ring	1		
35	R515044	Fitting	1		ALSO ORDER R65397
36 37	RE529404 RE19797	Fuel Line	1		
38	19M6614	Clamp Cap Screw	5		M6 X 12
39	RE529403	Fuel Line	1		
40 41	RE529401 RE529402	Fuel Line Fuel Line	1		
42 43	RE529399 RE20901	Fuel Line	1		
43 44	RE20901 19M8560	Clamp Can Sorous	1		MC V 40
	RE529398	Cap Screw Fuel Line		···	M6 X 12
45 46 47	RE509093	Wiring Harness	1		
<u>47</u>	<u>19M7775</u>	Screw	2		M6 X 16

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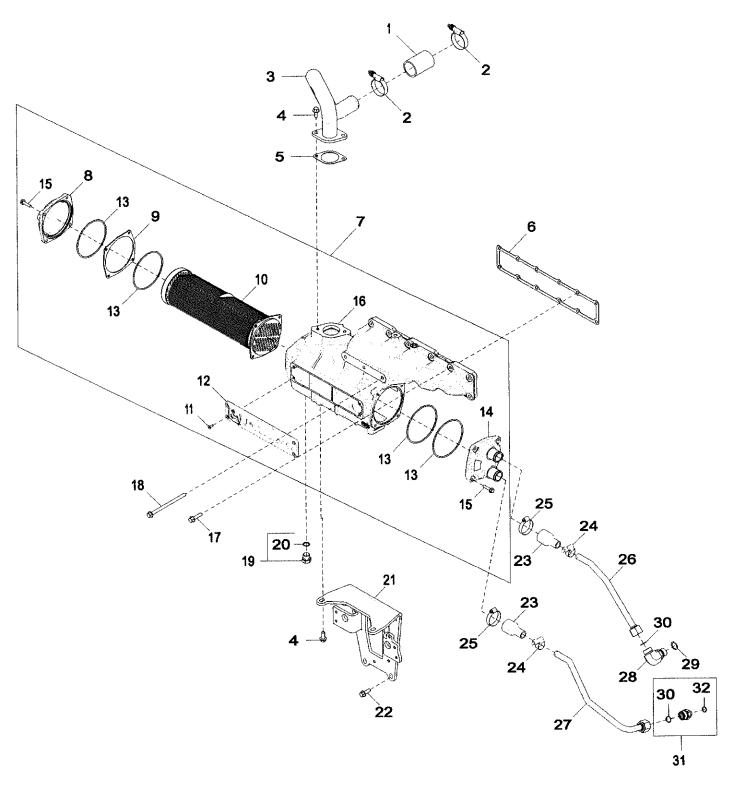
17DY-96 17EC-98



RGP16969

17DY Air Intake 17DY Admission d'air 17DY Luftansaugung 17DY Presa d'aria 17DY Admisión de aire 17DY Luftintag

17DY\_RE545190\_PCD C 1



17DY\_RE545190\_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks	
1	R539585 RE67208	Hose	1	······		
23	RE5/208 RE545180	Clamp Air Flow Tube	2			
4	19M7785	Screw	4		M10 X 25	
5 6	R504009 R515030	Gasket Gasket	1			
7	RE544820	Aftercooler	1		· · · · · · · · · · · · · · · · · · ·	
8 9	R531574 R530638	Cover Plate	1			
10	RE543229	Core	1			
11 12	19M8826 R531799	Screw	4		M6 X 16	
13	R530637	Plate O-Ring		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	
14	R531573	Adapter	4 1			
<u>15</u> 16	<u>19M8291</u>	<u>Screw</u>			M8 X 35	
16 17	R530642 19M7804	Housing Screw	1		A 4 4 2 3 4 4 2	
18	19M9017	Screw	9		M10 X 40 M10 X 165	
<u>18</u> 19	RE46687	Drain Plug	1			<u> </u>
20 21 22 23 24	51M7045 DZ101137	O-Ring Bracket	1		19.300 X 2.200 mm	
22	19M7786	Screw	<u>1</u>		SUB FOR RE554763 M10 X 30	
23	R531705	Hose	5		MITU X 30	
24	R524513	Hose Clamp	2			
25	AR21840 RE556053	Hose Clamp	2			
27	RE546094	Line Line	1		(A) (B)	
25 26 27 28 29 30	38H5019	Elbow Fitting	······································		(B)	·····
29	51M7047	O-Ring <sup>*</sup>	1		23.600 X 2.900 mm	
	T77858	O-Ring	2			
31 32	RE564244	Adapter Fitting	1			
	51M7043	O-Ring	1		15.300 X 2.200 mm	

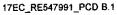
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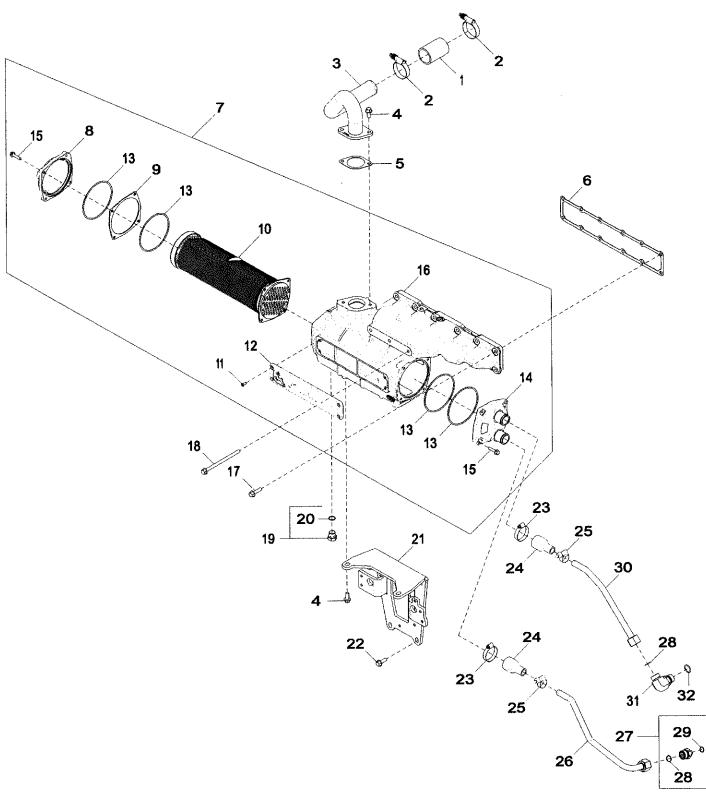
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(A) Aftercooler Coolant Supply Line Conduite d'alimentation en liquide de refroidissement du refroidisseur d'air de suralimentation Ladeluftkühler-Kühlmittelversorgungsleitung Tubo di mandata del liquido di raffreddamento postraffreddatore aria Tubería de suministro de refrigerante del enfriador del aire de carga Efterkylarens kylvätskeförsörjningsledning

(B) Aftercooler Coolant Return Line Conduite de retour de liquide de refroidissement du refroidisseur d'air de suralimentation Ladeluftkühler-Kühlmittelrücklaufleitung Tubo di ritorno del liquido di raffreddamento postraffreddatore aria Tuberia de retorno de refrigerante del enfriador del aire de carga Efterkylarens kylvätskereturledning

#### 17EC Air Intake 17EC Admission d'air 17EC Luftansaugung 17EC Presa d'aria 17EC Admisión de aire 17EC Luftintag





17EC\_RE547991\_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks	
$\frac{1}{2}$	R539585 RE67208	Hose Clamp	1 2	·		
2 3	RE546052	Air Flow Tube	ī			
4	19M7785	Screw	4		M10 X 25	
5	R504009	Gasket	1			
<u>6</u>	R515030	Gasket	1	• • • •	· · · · · · · · · · · · · · · · · · ·	
{	RE544820	Aftercooler	1			
8 9	R531574 R530638	Cover Plate	1			
10	RE543229	Core	4			
11	19M8826	Screw	Å		M6 X 16	
12	R531799	Plate	1		mo X to	
13	R530637	O-Ring	4		· · · · · · · · · · · · · · · · · · ·	
14	R531573	Adapter	1			
<u>15</u>	19M8291	Screw			M8 X 35	
16	R530642	Housing	1			
17	19M7804	Screw	9		M10 X 40	
<u>18</u> 19	<u>19M9017</u> RE46687	<u>Screw</u>			M10 X 165	··· ····· ··· ···
20	51M7045	Drain Plug	1		10 200 X 2 200	
21	DZ101137	O-Ring Bracket			19.300 X 2.200 mm SUB FOR RE554763	
22	19M7786	Screw	2		M10 X 30	
23	AR21840	Hose Clamp	5		MIC X OC	
24	R531705	Hose	2			
25	R524513	Hose Clamp	2	<u> </u>		
26	RE546094	Line	1		(A)	
27	RE564244	Adapter Fitting	1			
20 21 22 23 24 25 26 27 28 29 30	T77858	O-Ring	2			
29	51M7043	O-Ring	1		15.300 X 2.200 mm	
30	RE556053	Line	1		<u>(B)</u>	
31	38H5019	Elbow Fitting	1			
32	51M7047	O-Ring	1		23.600 X 2.900 mm	

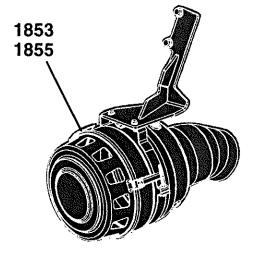
(A) Aftercooler Coolant Return Line Conduite de retour de liquide de refroidissement du refroidisseur d'air de suralimentation Ladeluftkühler-Kühlmittelrücklaufleitung Tubo di ritorno del liquido di raffreddamento postraffreddatore aria Tubería de retorno de refrigerante del enfriador del aire de carga Efterkylarens kylvätskereturledning

(B) Aftercooler Coolant Supply Line Conduite d'alimentation en liquide de refroidissement du refroidisseur d'air de suralimentation Ladeluftkühler-Kühlmittelversorgungsleitung Tubo di mandata del liquido di raffreddamento postraffreddatore aria Tuberia de suministro de refrigerante del enfriador del aire de carga Efterkylarens kylvätskeförsörjningsledning

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RGP16970 A.1

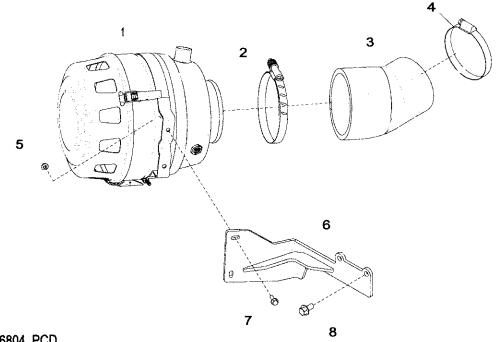
1853- 102 1855- 104



RGP16970

1853 Air Cleaner 1853 Filtre à air 1853 Luftfilter 1853 Filtro dell'aria 1853 Filtro de aire 1853 Luftrenare

1853\_RE546804\_PCD B.1



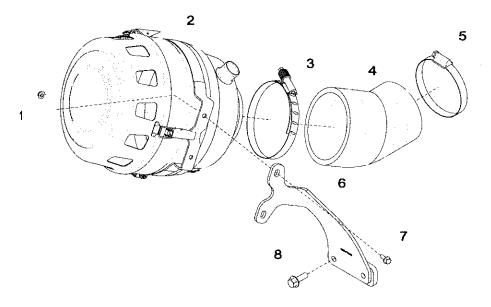
1853\_RE546804\_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks	
1 2	RE527919 RE527920 RE67747	Air Cleaner Air Cleaner Clamp	1 1 1		(B) (A) (C)	······································
3 4 5	R530501 RE67746 14M7303	Hose Hose Clamp Flange Nut	1 1 2		M6	99199 - 14 - 14 - 14 - 14 - 14 - 14 - 14
6 7 8	RE544516 19M7862 19M7784	Bracket Screw Screw	1 2 2		M6 X 20 M10 X 20	
	Not Illustrated Non illustré Nicht abgebildet Non in figura No se ilustra Visas ej på bilden		(B) Assembly Ensemble Baugruppe Assemblaggio Conjunto Hopsättning		(C) Filter Element Élément filtrant Filtereinsatz Cartuccia Filtro Filterelement	· · · · · · · · · · · · · · · · · · ·

PC11936 (H.1) PowerTech™ Plus 6.8L 6068AFM85 Diesel OEM Marine (Tier 3 Engine) ST747331(D.1)

1855 Air Cleaner 1855 Filtre à air 1855 Luftfilter 1855 Filtro dell'aria 1855 Filtro de aire 1855 Luftrenare

1855\_RE547988\_PCD A.1



1855\_RE547988\_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1 2	14M7303 RE527919 RE527920	Flange Nut Air Cleaner Air Cleaner	2 1 1	M6 (B) (A) (C)	under seinen einen ein
3 4 5	RE67747 R530501 RE67746	Clamp Hose Hose Clamp	1		
6 7 8	RE547845 19M7862 19M7786	Bracket Screw Screw	1 2 2	M6 X 20 M10 X 30	
1     	Not Illustrated Non illustré Nicht abgebildet Non in figura No se ilustra /isas ej på bilden		(B) Assembly Ensemble Baugruppe Assemblaggio Conjunto Hopsättning		(C) Filter Element Élément filtrant Filtereinsatz Cartuccia Filtro Filtro Filterelement

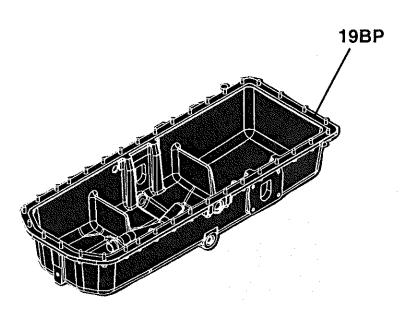
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1900 Oil Pan 6068AFM85 19BP- 108

Sectional Pictorial Index Index d'illustrations par sections. Gruppenbildindex Indice illustrato delle sezioni Indice de ilustraciones por secciones Avsnittsbildregister

RGP16971 A.1

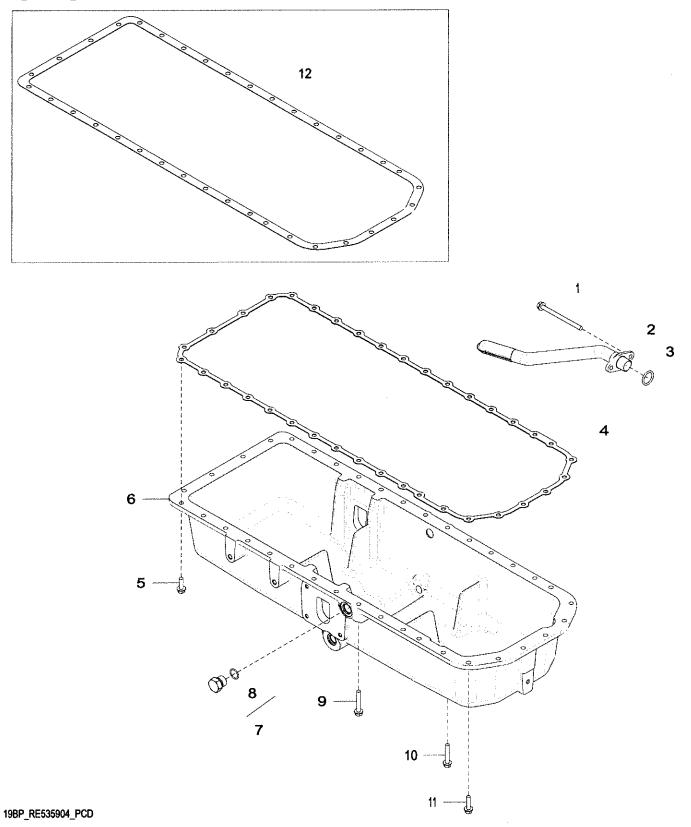
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RGP16971

19BP Oil Pan 19BP Carter d'huile 19BP Ölwanne 19BP Coppa olio 19BP Cárter de aceite 19BP Oljetråg

19BP\_RE535904\_PCD B.1



### 1900 Oil Pan 6068AFM85

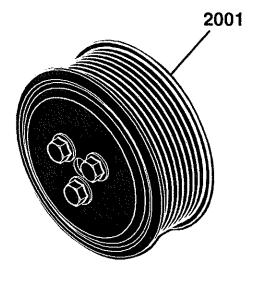
Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks	
1 2 3	19M10075 RE535747 R61871	Screw Tube O-Ring	2 1 1	ħ	И8 X 110	
4 5 6	R521498 19M7867 R526680	Gasket Screw Oil Pan	1 27 1	Ν	M8 X 25	
7 8 9	RE46687 51M7045 19M7800	Drain Plug O-Ring Screw	1		19.300 X 2.200 mm 48 X 50	
10 11 12	19M7799 19M7868 R123354	Screw Screw Gasket	2 6 1	Ĩ	M8 X 45 M8 X 30 ORDER R521498	

Sectional Pictorial Index Index d'illustrations par sections. Gruppenbildindex Indice illustrato delle sezioni Indice de ilustraciones por secciones Avsnittsbildregister

RGP16972 A.1

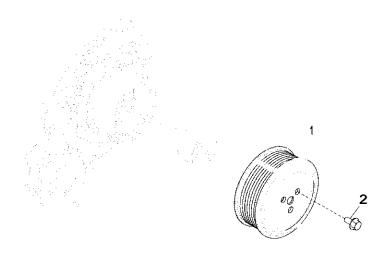
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- 2001 Water Pump Pulley 2001 Poulie de pompe à eau 2001 Wasserpumpenriemenscheibe 2001 Puleggia pompa acqua 2001 Polea de la bomba de agua 2001 Vattenpumpens remskiva

2001\_RE58175\_PCD A.1



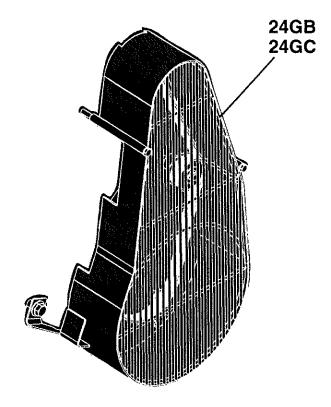
2001\_RE58175\_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks	
1 2	R115250 19M7774	Pulley Screw	1 3		M6 X 12	

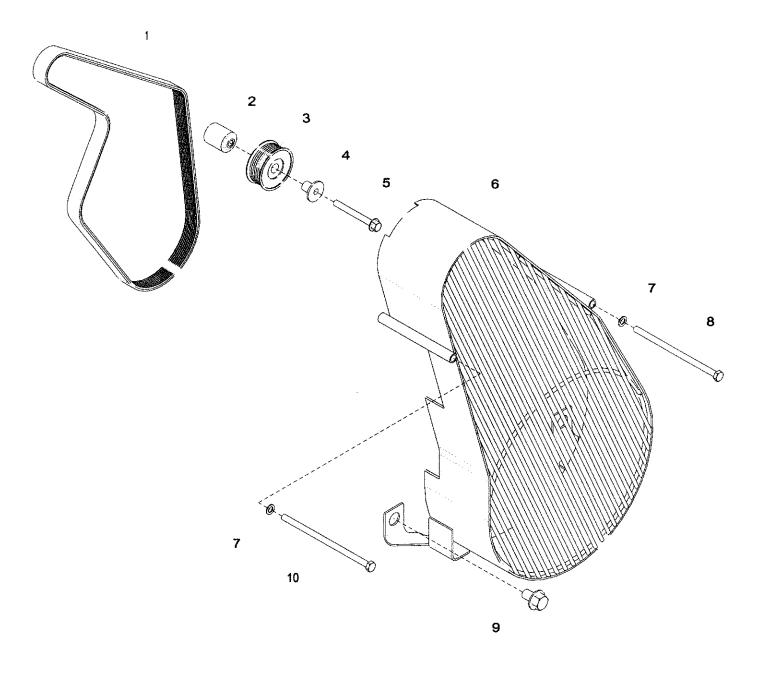
Sectional Pictorial Index Index d'illustrations par sections. Gruppenbildindex Indice illustrato delle sezioni Indice de ilustraciones por secciones Avsnittsbildregister

RGP16973 A.1

24GB- 116 24GC- 118 24KM- 120



24GB Fan Belt 24GB Courroie de ventilateur 24GB Gebläseriemen 24GB Cinghia ventola 24GB Correa del ventilador 24GB Fläktrem 24GB\_RE529583\_PCD A.1

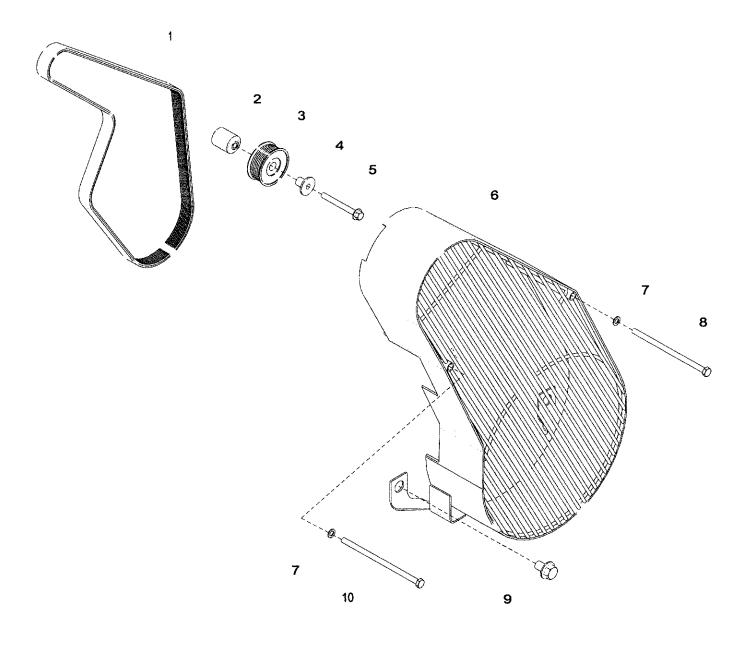


24GB\_RE529583\_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks	
1 2	R524006 R133643 R529378	V-Belt Spacer Spacer	1 1 1	······	ORDER R529378	
3 4 5	AT211041 R529790 19M7811	Pulley Sleeve Screw	1		M10 X 90	
6 7 <u>8</u>	RE529278 24M7096 19M8236	Guard Washer Cap Screw	1 2 1	· · · · · · · · · · · · · · · · · · ·	10.500 X 18 X 1.600 mm M10 X 190	······
9 10	19M8468 19M9423	Screw Cap Screw	2		M16 X 25 M10 X 200	

24GC Fan Belt 24GC Courroie du ventilateur 24GC Gebläseriemen 24GC Cinghia ventola 24GC Correa del ventilador 24GC Fläktrem

24GC\_RE529584\_PCD A.1



24GC\_RE529584\_PCD

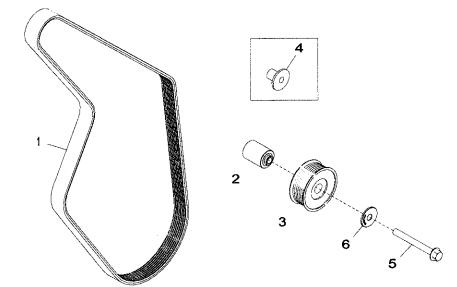
## 2400 Fan Belt 6068AFM85

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks	
1 2	R523124 R133643 R529378	V-Belt Spacer Spacer	1		ORDER R529378	
3 4 5	AT211041 R529790 19M7811	Pulley Sleeve Screw	1	<u> </u>	M10 X 90	
6 7 8	RE529279 24M7096 19M8236	Guard Washer Cap Screw	1 2 1		10.500 X 18 X 1.600 mm M10 X 190	
9 10	19M8468 19M9423	Screw Cap Screw	2 1		M16 X 25 M10 X 200	

PC11936 (H.1) PowerTech™ Plus 6.8L 6068AFM85 Diesel OEM Marine (Tier 3 Engine) ST155004(D.1)

24KM Fan Belt and Pulley 24KM Courroie de ventilateur et poulie 24KM Lüfterriemen und Riemenscheibe 24KM Cinghia ventola e puleggia 24KM Polea y correa de ventilador 24KM Fläktrem och remskiva

24KM\_RE553830\_PCD B.1



24KM\_RE553830\_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks	
1 2 3	R524006 R529378 AT211041	V-Belt Spacer Pulley	1		LGTH = 1525 mm SUB FOR R133643	
4 5 6	R529790 19M7811 R529790	Sleeve Screw Sleeve	1		ORDER R529790 M10 X 90	

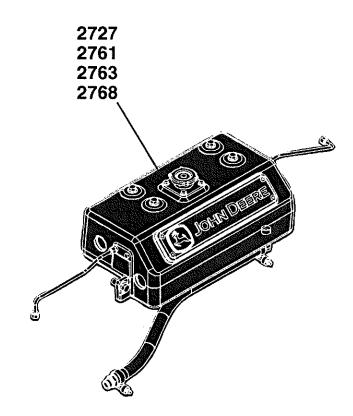
PC11936 (H.1) PowerTech™ Plus 6.8L 6068AFM85 Diesel OEM Marine (Tier 3 Engine) ST750092(D.1)

2700 Heat Exchanger 6068AFM85

Sectional Pictorial Index Index d'illustrations par sections. Gruppenbildindex Indice illustrato delle sezioni Indice de ilustraciones por secciones Avsnittsbildregister

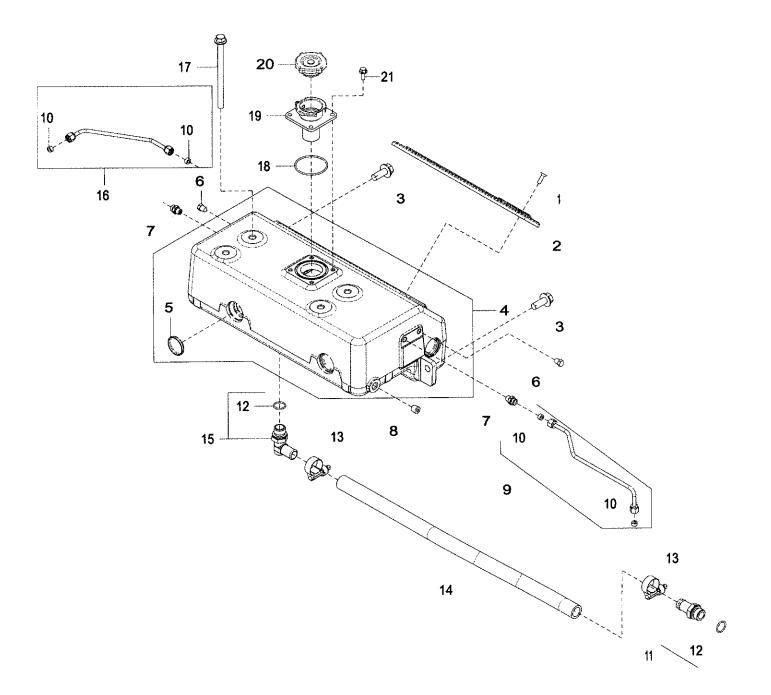
RGP16974 A.1

<u> </u>	
2727-	124
2761-	126
2763-	128
2762-	130
2768-	132



2727 Expansion Tank 2727 Réservoir d'expansion 2727 Ausgleichsbehälter 2727 Vaso di espansione 2727 Vaso de expansión 2727 Expansionstank

2727\_RE535906\_PCD B.1

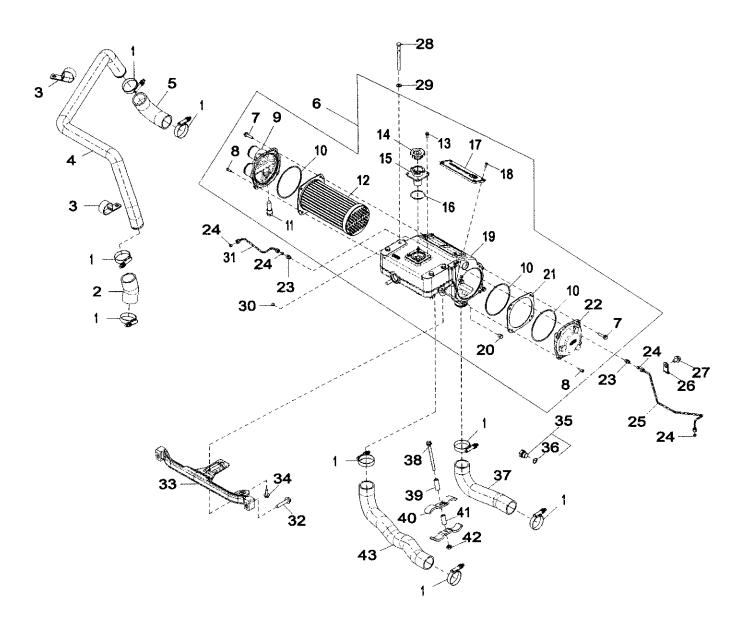


2727\_RE535906\_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	19M9268	Screw	4		M6 X 20, USE WITH R531799
2	19M8826 R531799	Screw Plate	4 1		M6 X 20, USE WITH R531799 M6 X 16, USE WITH R526123 SUB FOR APPL R526123
3	19M7789	Screw	2		M12 X 30
4	RE536037 RE547005	Housing Tank	1		MÁŘKEĎ R526459; ORDER RE547005 MARKED R532368; INCLUDES (7) M1206T
5	M1206T 15H712	Plug	7		
7	R63604	Pipe Plug Fitting	2		1/8"
8	15H685	Pipe Plug Tube	1	······································	1/4"
9 10	RE535749 R51936	Tube Sealing Washer	1		
11	RE523483	Eitting	2		
12 13	51M7045	O-Ring	1		19.300 X 2.200 mm
	R524513 R527313	Hose Clamp Hose	2		
14 15	RE502699	Elbow Fitting	1		
16	RE535753	Tube	i		
17	19M7958	Screw	4		M10 X 150
18 19	H63262 RE46165	O-Ring Filler Neck	1		
20	AT183451	Filler Cap			
<u>2ĭ</u>	19M7775	Screw	4		M6 X 16

### 2761 Heat Exchanger 2761 Échangeur thermique 2761 Wärmetauscher 2761 Scambiatore di calore 2761 Intercambiador de calor 2761 Värmeväxlare

2761\_RE547987\_PCD E.1

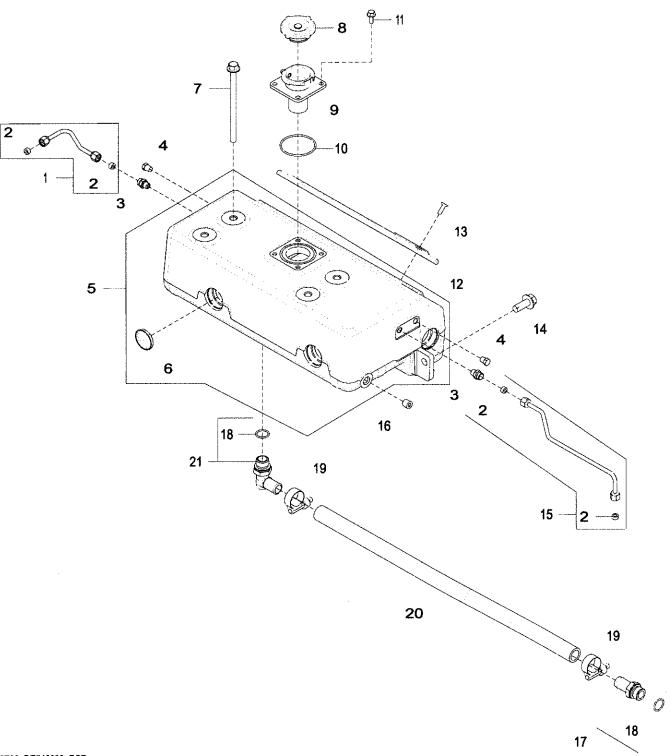


# 2761\_RE547987\_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks	
1 2 3	RE67208 R533314 R530587	Clamp Hose Hose Clamp	12 1 2			
4 5 6	R538671 R533313 DZ101798	Tube Hose Heat Exchanger	1 1 1		SUB FOR RE546312	
7 8 9 10	19M8291 19M7768 R532238 R530637	Screw Screw Cover	8 6 1		M8 X 35 M6 X 16	
10 11 <u>12</u> 13	RE54093 RE546316 19M7775	O-Ring Fitting Plug Core Screw	4 1 		M6 X 16	
14 15 16	AT183451 RE46165 R26282	Filler Cap Filler Neck O-Ring				
17 <u>18</u> 19	R533701 19M8826 DZ101797	Plate Screw		· · · · · · · · · · · · · · · · · · ·	M6 X 16 SUB FOR R532236	····
20 21 22	H26723 R532239 R532237	Housing Drain Plug Plate Cover	1		USE WITH D2101797	
23 24 25	RE502650 R51936 RE546876	Fitting Sealing Washer Line	2 4 1		INCLUDES (2) R51936	
24 25 26 27 28 29 30	R534033 19M8242 N275275	Clamp Screw Cap Screw	4		M12 X 16	
	24M7028 RE42713 RE546048	Washer Pipe Plug Line	4 1 1	<del></del>	10.500 X 20 X 2 mm INCLUDES (2) R51936	
32 33 34	19M7815 R532378 19M7785 RE46687	Screw Support Screw Drain Plug	2		M12 X 60 M10 X 25	
31 32 33 34 35 36 37 38 39	51M7045 R532403 19M7944	O-Ring Hose Screw	1		19.300 X 2.200 mm M10 X 120	
39 40 41	28H1529 R535384 28H1497	Bushing Half Clamp Bushing	2		0.493" X 0.675" X 1-3/4"	
41 42 43	14M7296 R532402	Flange Nut Hose	1		0.493 X 0.675 X 1-1/2 M10	

### 2763 Expansion Tank 2763 Réservoir d'expansion 2763 Ausgleichsbehälter 2763 Vaso di espansione 2763 Vaso de expansión 2763 Expansionstank

2763\_RE548839\_PCD C.1

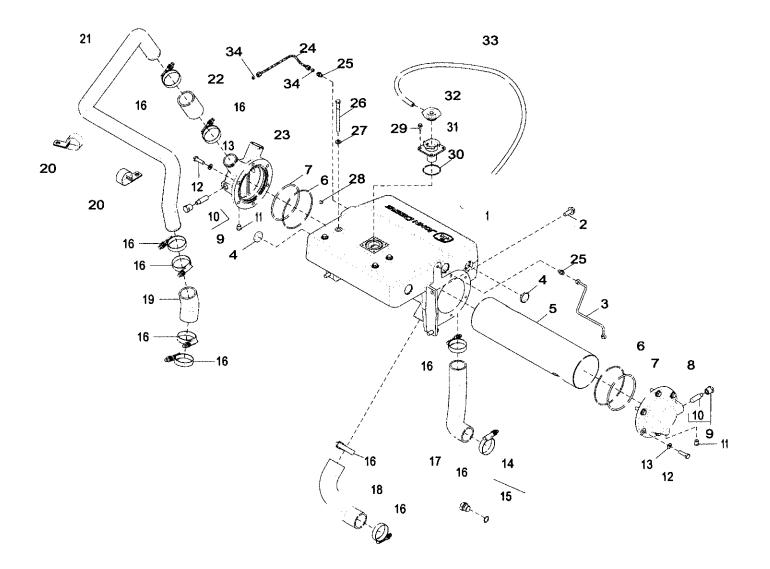


2763\_RE548839\_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks	
1 2 3	RE553501 R51936 R63604	Line Sealing Washer Fitting	1 2 2		SUB FOR RE548842	
4 5	15H712 RE536037 RE547005	Pipe Plug Housing Tank	2 1 1		1/8" MARKED R526459; ORDER RE547005 MARKED R532368; INCLUDES (7) M1206T	
6 7 8	M1206T 19M7958 AT183451	Plug Screw Filler Cap	7 4 1		M10 X 150	
9 10 <u>11</u>	RE46165 H63262 19M7775	Filler Neck O-Ring Screw	1 1 4		M6 X 16	
12 13	R531799 19M9268 19M8826	Plate Screw Screw	1 4 1		SUB FOR R526123 M6 X 20, USE WITH R531799 M6 X 16, USE WITH R526123	
14 15 16	19M7789 RE535749 15H685	Screw Tube Pipe Plug	2 1 1		M12 X 30 1/4"	
17 18 19	RE523483 51M7045 R524513	Fitting O-Ring Hose Clamp	1 1 2		19.300 X 2.200 mm	-
20 21	R527313 RE502699	Hose Elbow Fitting				

2762 Heat Exchanger 2762 Échangeur thermique 2762 Wärmetauscher 2762 Scambiatore di calore 2762 Intercambiador de calor 2762 Värmeväxlare

2762\_RE548803\_PCD B.2



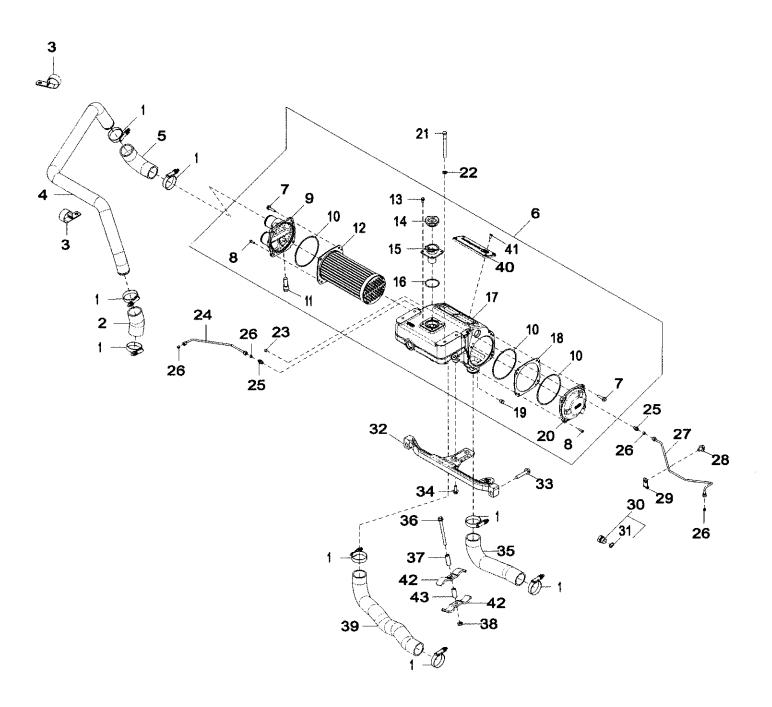
2762\_RE548803\_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1 2 3	RE542507 19M7789 RE528286	Housing Screw Line	1 4 1	<u>+</u>	M12 X 30
4 5 6	R531417 RE528305 T20779	Plug Core Ring	8 1 2	<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>	
7 8 9	T38485 R522330 RE54993	O-Ring Cover Fitting Plug	2 1 3		
10 11 12	R119823 H26723 19M7550	Stud Drain Plug Cap Screw	1 3 12		M10 X 35
13 14 15	24M7028 RE46687 51M7045	Washer Drain Plug O-Ring	12 1 1		10.500 X 20 X 2 mm 19.300 X 2.200 mm
16 17 18	RE67208 R527287 R522336	Clamp Hose Hose	10 1		
18 19 20 21	R533314 R530587 RE548804	Hose Hose Clamp Tube	1 2 1		
22 23 24	R230480 R522331 RE553500	Radiator Hose Cover Line	1 1 1		SUB FOR RE548840; INCLUDES (2) R51936
20 21 22 23 24 25 26 27 28	RE502650 N275275 24M7028	Fitting Cap Screw Washer	2 4 4		10.500 X 20 X 2 mm
29 30	RE71255 19M7775 H63262	Pipe Plug Screw O-Ring	1 4 1		M6 X 16
31 32 33	RE46165 AT183451 R82454	Filler Neck Filler Cap Hose	1		
34	R51936	Sealing Washer	2		

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2768 Heat Exchanger 2768 Échangeur thermique 2768 Wärmetauscher 2768 Scambiatore di calore 2768 Intercambiador de calor 2768 Värmeväxlare

2768\_RE555628\_PCD D.2



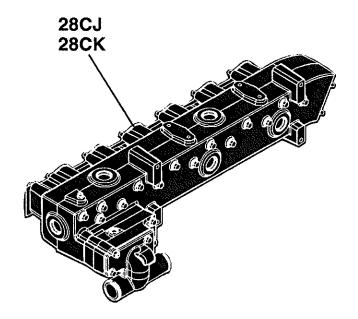
Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	RE67208	Clamp	12		
2 3	R533314 R530587	Hose Hose Clamp	1		
	R538671	Tube	<u> </u>		
4 5 6	R533313 DZ101798	Hose	1		
7		Heat Exchanger Screw	18	·····	SUB FOR RE546312
8 9	19M8291 19M7768 R532238	Screw	ő		M8 X 35 M6 X 16
<u>9</u> 10	R532238	Cover	1		
11	R530637 RE54993	O-Ring Fitting Plug	4		
12	RE546316	Core			
13	19M7775	Screw	4		M6 X 16
14 15	AT183451 RE46165	Filler Cap Filler Neck	1		
16	R26282	O-Ring	1		
17	DZ101797	Housing	1		SUB FOR R532236
<u>18</u> 19	R532239 H26723	Plate Drain Plug			
20 21	R532237 N275275	Cover	1		
21		Cap Screw	4		
22	24M7028 RE42713	Washer Pipe Plug	4		10.500 X 20 X 2 mm
22 23 24 25 26 27 28 29 30	RE552190	Line	1		INCLUDES (2) R51936; SUB FOR APPL RE546048
25	RE502650	Fitting	2		
26	R51936	Sealing Washer	4		
21	RE546876 19M8242	Line	1		INCLUDES (2) R51936
29	R534033	Screw Clamp	1		M12 X 16
<u>30</u>	RE46687	Drain Plug	1		
31	51M7045	Q-Ring	1		19.300 X 2.200 mm
32	R532378 19M7815	Support Screw	1		
33 34 35 36 37	19M7785	Screw			M12 X 60 M10 X 25
35	R532403 19M7944	Hose	1		
36	<u>19M7944</u> 28H1529	Screw	1		M10 X 120
38	28H1529 14M7296	Bushing Flange Nut	1		0.493" X 0.675" X 1-3/4" M10
38 39	R532402	Hose	1		14110
40	R533701	Plate	1		
41 42	19M8826 R535384	Screw Half Clamp	4		M6 X 16
43	28H1497	Bushing	<u>د</u> 1		0.493" X 0.675" X 1-1/2"
44	R51936	Sealing Washer	<u>. 2</u>		

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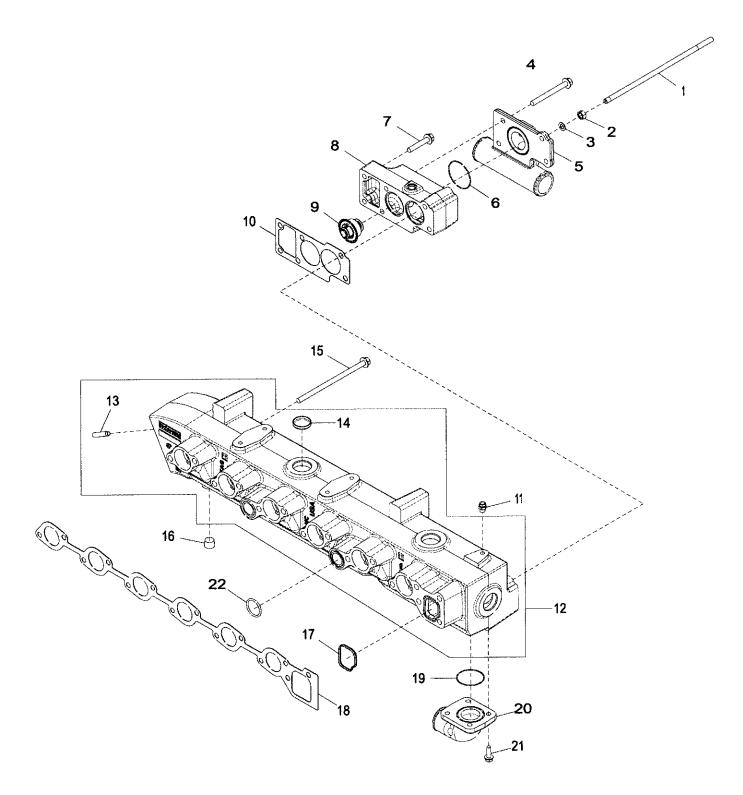
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RGP16975 A.1



28CJ Exhaust Manifold 28CJ Collecteur d'échappement 28CJ Auspuffkrümmer 28CJ Collettore di scarico 28CJ Colector de escape 28CJ Avgasgrenrör



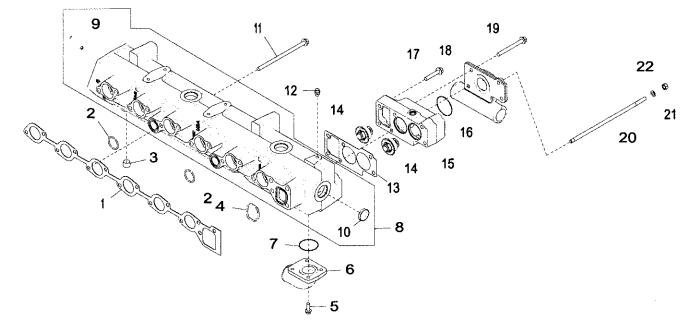


## 28CJ\_RE556174\_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks	
1	42M7119	Rod	1			
2	14M7274	Nut Washer	1		M10	
3	24M7096		1		10.500 X 18 X 1.600 mm	
4	19M7812	Screw	3		M10 X 100	
5	R527284	Cover	1			
6	R523027	O-Ring	1			
7	19M8528	Screw	2		M10 X 55	
8	R537786	Housing	1			
9	RE69581	Thermostat	2			
10	R522334	Gasket	1			
11	RE502650	Fitting	1			
<u>12</u>	RE540243	Exhaust Manifold	<u> </u>		MARKED R522308	
13	R523331	Stud	4			
14	R531417	Plug	7			
<u>15</u>	<u>19M8526</u>	Screw	14		M10 X 190	
16	15H584	Pipe Plug	1		1/2"	
17	R522511	Seal Gasket	1			
18	R522314	Gasket	1			
19	R516682	Q-Ring	1			
20 21	R522343	Cover	1			
	<u>19M7867</u>	Screw	4		M8 X 25	
22	R523076	O-Ring	2			

28CK Exhaust Manifold 28CK Collecteur d'échappement 28CK Auspuffkrümmer 28CK Collettore di scarico 28CK Collector de escape 28CK Avgasgrenrör

28CK\_RE556175\_PCD C.1



28CK\_RE556175\_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks	
1	R522314 R523076	Gasket	1			······
3	15H584	O-Ring Pipe Plug	2		1/2"	
4 5 6	R522511 19M7867 R522343	Seal Screw Cover	1 4 1	***********	M8 X 25	
7 8 9	R516682 RE546041 R523331	O-Ring Exhaust Manifold Stud	1			
10 11 12	R531417 19M8526 R63604	Plug Screw Fitting	7 14 1		M10 X 190	
13 14 15	R522334 RE557215 R537786	Gasket Thermostat Housing	1 2 1			
16 17 18	R523027 19M8528 R527284	O-Ring Screw Cover	1 2 1		M10 X 55	
19 20 21	19M7812 42M7119 24M7096	Screw Rod Washer	3		M10 X 100	· · · · · · · · · · · · · · · · · · ·
22	14M7274	Nut	1		10.500 X 18 X 1.600 mm M10	······································

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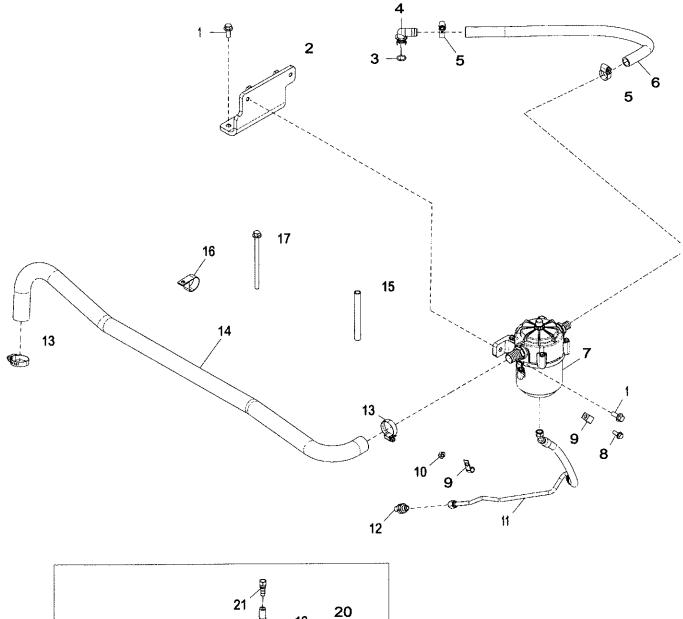
RGP16976 A.1

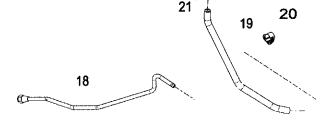
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2971-	142
29AG-	144
29BE-	146



- 2971 Crankcase Vent Filter 2971 Filtre d'évent du carter-moteur 2971 Kurbelgehäuse-Entlüftungsfilter 2971 Filtro sfiato basamento 2971 Filtro de orificio de ventilación del cárter 2971 Vevhusets ventilationsfilter

2971\_RE538571\_PCD D.3





2971\_RE538571\_PCD

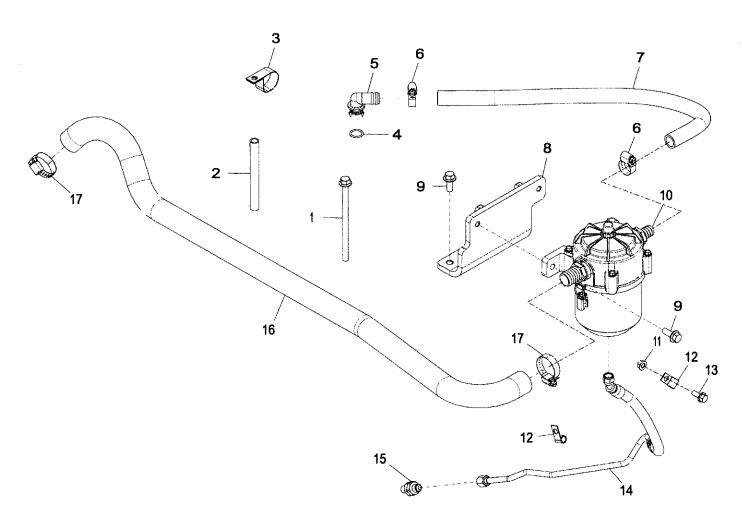
Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks	
1	19M7785	Screw	4		M10 X 25	
2 3	RE529828 R72328	Bracket O-Ring	1			
4	R120467	Elbow Fitting				
5	RE65978	Clamp	2			
<u>6</u>	R522316	Hose	1			
7	RE527687 RE502284	Crankcase Vent Filter Filter Element	1		INCLUDES RE502284	
8	19M7866	Screw	1		(A) M8 X 20	
9	T13814	Clamp	2			
10	14M7298	Flance Nut	1		M8	
12	DZ102094 RE504549	Oil Line Check Valve	1			
12 13	RE65979	Clamp	2			
14	R522317	Hose	1			
15 16	R533312	Spacer	2			
17	AH77714 19M9017	Clip Screw	22		M10 X 165	
18	RE538566	Oil Line	1		USE WITH R528154	<u> </u>
18 19 20	R528154	Hose	1		USE WITH R528154 USE WITH RE538566	
	TY22464	Clamp	1		USE WITH RE538566 AND R528154	
21	RE505200	Hose Fitting	1		USE WITH R528154	

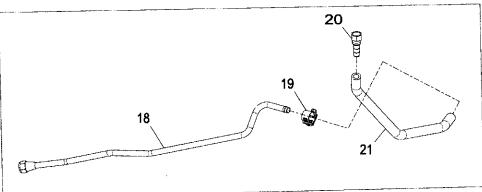
(A) Not Illustrated Non illustré Nicht abgebildet Non in figura No se ilustra Visas ej på bilden

PC11936 (H.1) PowerTech™ Plus 6.8L 6068AFM85 Diesel OEM Marine (Tier 3 Engine) ST155011(H.1)

- 29AG Crankcase Vent Filter 29AG Filtre d'évent du carter-moteur 29AG Kurbelgehäuse-Entlüftungsfilter 29AG Filtro sfiato basamento 29AG Filtro de orificio de ventilación del cárter 29AG Vevhusets ventilationsfilter

29AG\_RE547989\_PCD C.3





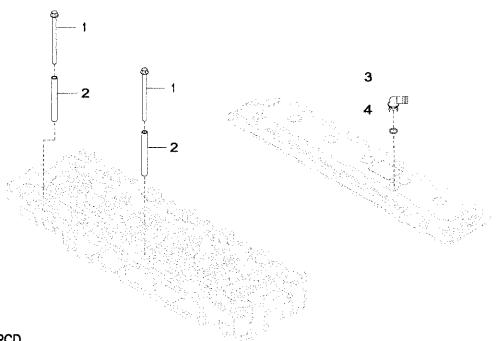
## 29AG\_RE547989\_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	19M9017	Screw	2		M10 X 165
3	R533312 AH77714	Spacer Clip	22		
4	R72328	O-Ring	1		
5 6	R120467 RE65978	Elbow Fitting Clamp	2		
78	R522316 RE529828	Hose Bracket	1		
<u>9</u>	19M7785	Screw			M10 X 25
10	RE527687 RE502284	Crankcase Vent Filter Filter Element	1		INCLUDES RE502284
11	14M7298	Flange Nut	1		(A) M8
12 13	T13814 19M7866	Clamp Screw	2		M8 X 20
14	DZ102094	Oil Line	1		Mo X ZU
15 16 17	RE504549 R532179	Check Valve Hose	1		
	RE65979	Clamp	2		
18 19	RE538566 TY22464	Oil Line	1		USE WITH R528154 USE WITH RE538566 AND R528154
20	RE505200	Clamp Hose Fitting	1		USE WITH RE538566 AND R528154 USE WITH R528154
21	R528154	Hose	1		USE WITH RE538566
(A)	Not Illustrated				

(A) Not Illustrated Non illustré Nicht abgebildet Non in figura No se ilustra Visas ej på bilden

29BE Vent System 29BE Système d'évent 29BE Entlüftungssystem 29BE Impianto ventilazione 29BE Sistema de ventilación 29BE Ventilationssystem





29BE\_RE558434\_PCD

# 2900 Exhaust Manifold 6068AFM85

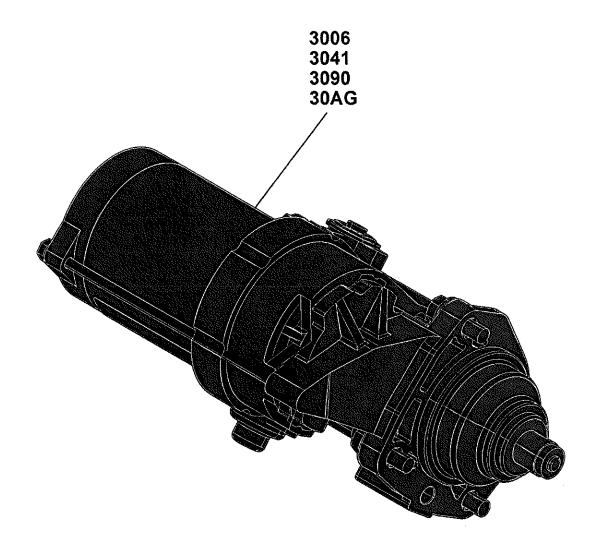
Key	Part No.	Part Name	Qty.	Engine Serial No.	Remar	ks
1 2 3 4	19M9017 R533312 R120467	Screw Spacer Elbow Fitting	2 2 1		M10 X 165	
4	R72328	O-Ring	1			
						· · · · · · · · · · · · · · · · · · ·

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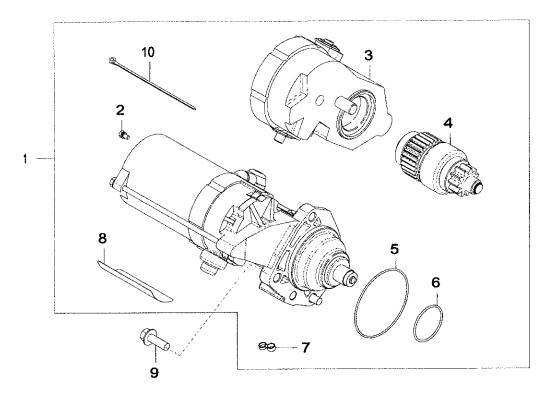


RGP20317

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3006 Starting Motor 3006 Démarreur 3006 Anlasser 3006 Motorino di avviamento 3006 Motor de arranque 3006 Startmotor

3006\_RE70964\_PCD 8.1



3006\_RE70964\_PCD

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Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1 2	RE70957 SE501403 RE71256	Starter Motor Kit Starter Motor Reman Screw With Washer	1		12V, DENSO, INCLUDES T146102 AND R96703 REMAN FOR RE70957
3 4 5	RE70486 RE70487 R135509	Switch Clutch O-Ring	1		SUB FOR RE42777 SUB FOR RE39249
6 7	R135510 RE70756	O-Ring Cover Starter Motor Kit	1		INCLUDES T146102 AND R96703
8	T146102 T146106 T146104	Label Safety Sign Safety Sign	1 AR AR		(A) (B)
9	T146515 T146516 19M7786	Safety Sign Safety Sign Screw	AR AR 3		(C) (D) M10 X 30
10	R96703 Spanish	Tie Band	<u> </u>		
	Espagnol Spanisch Spagnolo Español Spanska		(B) French Français Französisch Francese Francés Franska		(C) German Allemand Deutsch Tedesco Alemán Tyska

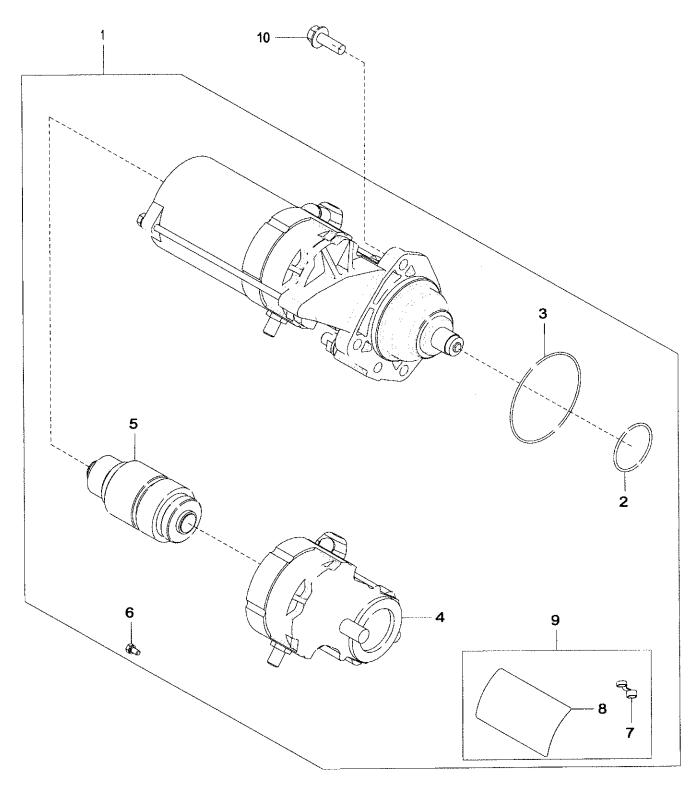
Spagnolo Español Spanska

(D) Italian Italian Italienisch Italiano Italiano Italianska

PC11936 (H.1) PowerTech™ Plus 6.8L 6068AFM85 Diesel OEM Marine (Tier 3 Engine) ST133857(H.1)

3041 Starter Motor 3041 Démarreur 3041 ANLASSER 3041 Motorino avviamento 3041 Motor de arranque 3041 Startmotor

3041\_RE501149\_PCD B.1



3041\_RE501149\_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	RE501150	Starter Motor Kit	1		INCLUDES T146102, R96703, 14M7299 AND R136052
	TY24443 SE501406	Starter Motor Starter Motor Reman	1		REMAN FOR RE501150 OR TY24443
2 3 4	R135510 R135509 RE70678	O-Ring O-Ring Switch	1		
5 6 7	RE70682 RE71256 R135660	Clutch Screw With Washer Cover	1		ORDER RE70756
8	T146102 T146106 T146104	Label Safety Sign Safety Sign	1 1 1		(A) (B)
9	T146515 T146516 RE70756	Safety Sign Safety Sign Label Kit	1		(C) (D)
10 11 12	19M7786 14M7299 R136052	Screw Flange Nut Stud	3 1 1		M10 X 30 (E) M12 (E)
13	R96703	Tie Band	2		(E)
	Spanish Espagnol Spanisch Spagnolo		(B) French Français Französisch Francese		(C) German Allemand Deutsch Tedesco

Spagnolo Español Spanska

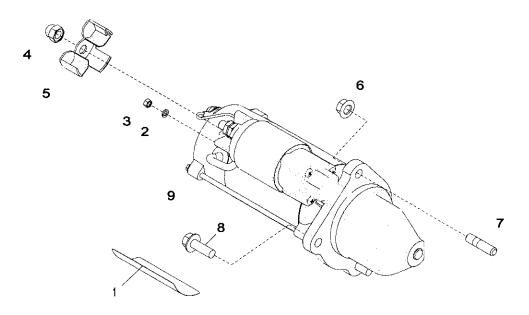
(D) Italian Italien Italienisch Italiano Italiano Italiano Italienska

Francés Franska (E) Not Illustrated Non illustres Nicht abgebildet Non in figura No se ilustra Visas ej på bilden

Alemán Tyska

PC11936 (H.1) ST808740(J.1) PowerTech™ Plus 6.8L 6068AFM85 Diesel OEM Marine (Tier 3 Engine) 3090 Starter Motor 3090 Démarreur 3090 ANLASSER 3090 Motorino avviamento 3090 Motor de arranque 3090 Startmotor

3090\_RE522335\_PCD A.1



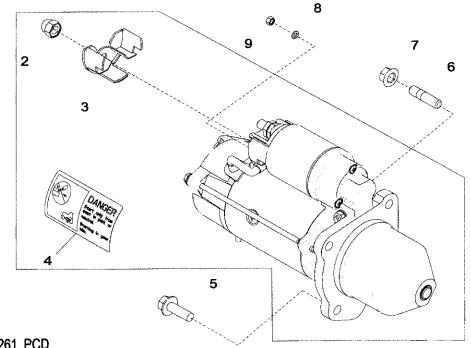
3090\_RE522335\_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1 2 3	R116617 12M7064 14M7297	Label Lock Washer Nut	**************************************	· · · · · · · · · · · · · · · · · · ·	5 mm M5
4 5 6	R135432 R517440 14M7296	Nut Cover Flange Nut	1 1 1		M10
7 8 9	42M7058 19M7786 RE522334	Stud Screw Starter Motor	1 2 1		M10 X 30 (A) 24 V; DENSO, ORDER RE564633
	SE502733 RE564633	Starter Motor Reman Starter Motor Kit	1		REMAN FOR RE522334 24 V; 4 kW, ALSO INCLUDES R116617, R517440, R135432 AND RE522336
-	RE522336	Solenoid	1		(A)

(A) Not Illustrated Non illustres Nicht abgebildet Non in figura No se itustra Visas ej på bilden

PC11936 (H.1) ST21694(G.1) PowerTech™ Plus 6.8L 6068AFM85 Diesel OEM Marine (Tier 3 Engine) 30AG Starting Motor 30AG Démarreur 30AG Anlasser 30AG Motorino di avviamento 30AG Motor de arranque 30AG Startmotor

30AG\_RE536261\_PCD A.2



30AG\_RE536261\_PCD

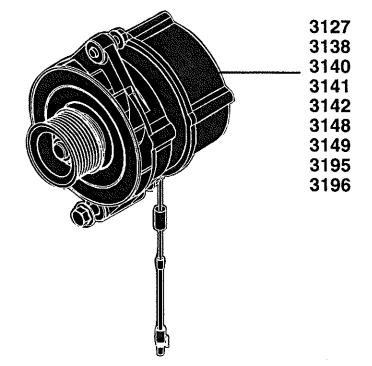
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Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks	
1 2 3	RE536490 R135432 R517440	Starter Motor Nut Cover	1		(Includes R135432, R517440 & T1	46102)
4	T146102 T146106 T146104	Label Safety Sign Safety Sign	1 1 1		(A) (B)	
5	T146515 T146516 19M7786	Safety Sign Safety Sign Screw	1 1 2		(C) (D) M10 X 30	
6 7 <u>8</u>	42M7058 14M7296 12M7064	Stud Flange Nut Lock Washer	1	<u> </u>	M10 5 mm	
	14M7297 Spanish Espagnol Spanisch Spagnolo Español Spanska	Nut		(B) Frenc Franc Franc Franc Franc Franc Franc	cés	
(C)	German Allemand Deutsch Tedesco Alemán Tyska			(D) Italia Italie	n n nisch no no	

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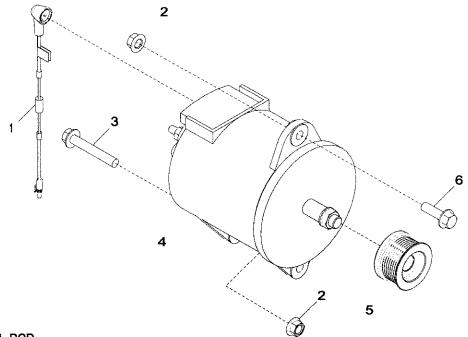
RGP16978 A.1

3100 Alternato	or 6068A	FM85
	3127-	160
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	3142-	168
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RGP16978

- 3127 Alternator 3127 Alternateur 3127 Drehstromgenerator 3127 Alternatore 3127 Alternador 3127 Växelströmsgenerator
- 3127\_RE517381\_PCD A.1



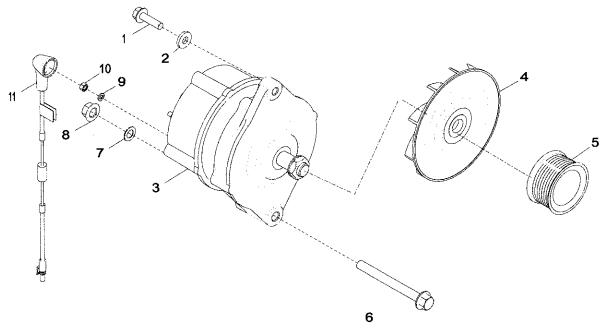
3127\_RE517381\_PCD

# 3100 Alternator 6068AFM85

Key	Part No.	Part Name	Qty.	Engine Serial No. Remarks	
1 2 3	RE505489 14M7299 19M7818	Wiring Harness Flange Nut Screw	1 3 1	M12 M12 X 80	
4 5	RE522329 SE502625 R128859	Alternator Alternator Reman Pulley	1	28V, 140AMP 28V, 140AMP (REMAN FOR RE522329)	
6	19M7791	Bolt	2	M12 X 40	
					·····

3138 Alternator 3138 Alternateur 3138 Drehstromgenerator 3138 Alternatore 3138 Alternador 3138 Växelströmsgenerator

3138\_RE509779\_PCD A.2

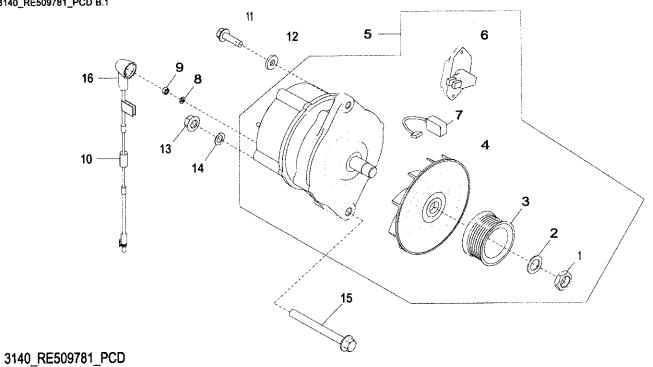


3138\_RE509779\_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1 2 3	19M7868 R501065 RE533516	Screw Washer Alternator	1 1 1		M8 X 30, SUB FOR APPL 19M8291 12 V; 75 A, INCLUDES R505711, RE516489, RE533941 AND RE533942
4 5	SE502626 R505711 RE516489	Alternator Reman Fan Pulley	1		12 V; 75 A, REMAN FOR RE533516 USE WITH RE533516 OR SE502626 USE WITH RE533516 OR SE502626
6 7 8	19M7812 R64525 14M7296	Screw Thrust Washer Flange Nut	1	•••••••••••••••••••••••••••••••••••••••	M10 X 100 M10
9 10 11	12M7064 14M7297 RE505489	Lock Washer Nut Wiring Hamess	1		5 mm M5
	RE533941 RE533942	Capacitor Regulator	1		USE WITH RE\$33516 OR SE502626 USE WITH RE\$33516 OR SE502626; ORDER RE567824

# 3140 Alternator 3140 Alternateur 3140 Drehstromgenerator 3140 Alternatore 3140 Alternador 3140 Växelströmsgenerator

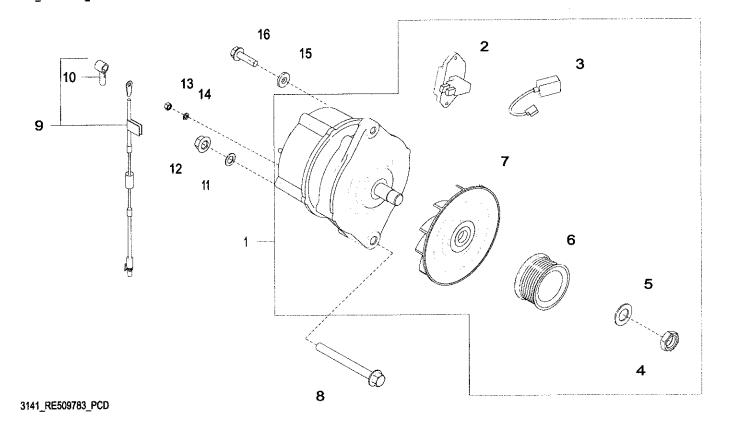
3140\_RE509781\_PCD B.1



Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1 2 3	14M7158 12M7132 RE516489	Nut Washer Pulley	1 1 1	· · · · · · · · · · · · · · · · · · ·	M16 17 X 30 X 0.800 mm
4 5	R505711 RE533653 SE501342	Fan Alternator Alternator Reman	1 1 1		12 V; 95 A, SUB FOR AH137883; ISKRA (A)
6 7 8	RE567824 RE533941 12M7064	Regulator Capacitor Lock Washer	1		SUB FOR RE533942 5 mm
9 10 <u>11</u>	14M7297 RE505489 19M7868	Nut Wiring Hamess Screw	1		M5 INCLUDES R74993 M8 X 30, SUB FOR APPL 19M8291
12 13 14	R501065 14M7296 R64525	Washer Flange Nut Thrust Washer	1		M10
15 16	19M7812 R74993	Screw Boot	1		M10 X 100

(A) Remanufactured Pièce réusinée Aufgearbeitet Ricondiz. Reconstruido Omarbetad

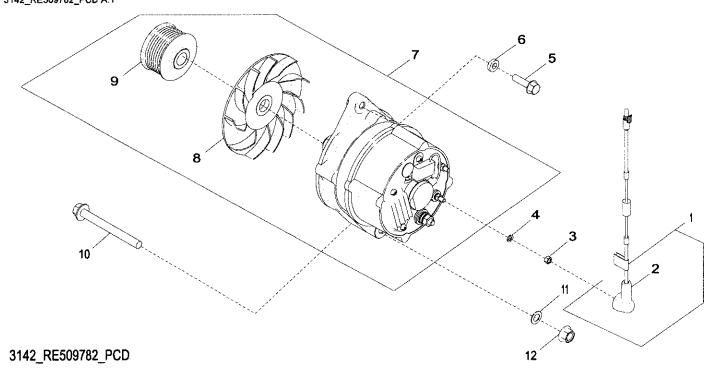
## 3141 Alternator 3141 Alternateur 3141 Drehstromgenerator 3141 Alternatore 3141 Alternador 3141 Växelströmsgenerator 3141\_RE509783\_PCD B.1



Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks	
1	RE533654 SE502628	Alternator	1		12 V: 120 A, SUB FOR AH165975 REMAN FOR RE533654	
2	RE567824	Alternator Reman Regulator	1		14 V, SUB FOR RE533942	
3 4 5	RE533941 14M7158 12M7131	Capacitor Nut Washer	1 1 1		M16 17 X 30 X 1.600 mm, SUB FOR T10745	
6 7 8	RE516489 R505711 19M7812	Pulley Fan Screw	1 1 1		M10 X 100	
9 10 11	RE505489 T103917 R64525	Wiring Harness Boot Thrust Washer	1 1 1			
12 13	14M7296 14M7297	Flange Nut Nut	1		M10 M5	
14	12M7064	Lock Washer	<u> </u>		5 mm	
15 16	R501065 19M7868	Washer Screw	1		M8 X 30, SUB FOR APPL 19M8291	

- 3142 Alternator 3142 Alternateur 3142 Drehstromgenerator 3142 Alternatore 3142 Alternador 3142 Växelströmsgenerator

3142\_RE509782\_PCD A.1

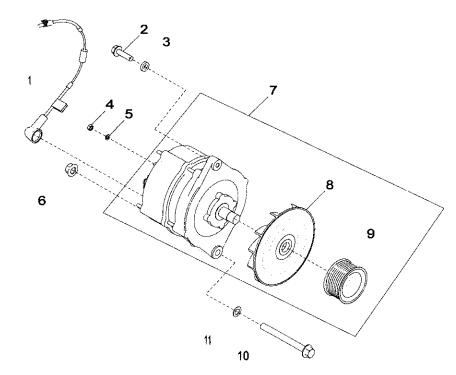


Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	RE505489	Wiring Harness	1		τη την παραλικά το τη γουτηγια το το τη αραγοριατικό το
3	R74993 14M7297	Boot Nut	1		M5
4	12M7064 19M7868	Lock Washer	1		5 mm
<u>6</u>	R501065	Screw Washer	1		M8 X 30 SUB FOR APPL R48808
7	RE537146 AT161324	Alternator Alternator	1		24 V: 50 A. SUB FOR AT161324 AND RE507631 ISKRA
	SE501341	Alternator Reman	1		(A) ORDER RE537146 REMAN FOR AT161324
8 9	R505711 RE516489	Fan Pullev	1		
10	19M7812	Screw	1		M10 X 100
11 12	R64525 14M7296	Thrust Washer	1		
13	RE533941	Flange Nut Capacitor	1		M10 (A)
14	RE567824	Regulator	1		(A) SUB FOR RE533942

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(A) Not Illustrated Non illustré Nicht abgebildet Non in figura No se ilustra Visas ej på bilden

PC11936 (H.1) ST133875(Q.1) PowerTech™ Plus 6.8L 6068AFM85 Diesel OEM Marine (Tier 3 Engine) 3148 Alternator 3148 Alternateur 3148 Drehstromgenerator 3148 Alternatore 3148 Alternador 3148 Växelströmsgenerator 3148 RE527043\_PCD A.1



3148\_RE527043\_PCD

# 3100 Alternator 6068AFM85

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks	
1 2 3 4 5 6	RE505489 19M7868 R501065 14M7297 12M7064 14M7296	Wiring Hamess Screw Washer Nut Lock Washer Flange Nut	1 1 2 2		M8 X 30 SUB FOR APPL R48808 M5 5 mm M10	
7 8 9	RE540412 R505711 RE516489	Alternator Fan Pulley	1		14 V, 75 A	
10 11	19M7812 R64525	Screw Thrust Washer	1		M10 X 100	

3149 Alternator 3149 Alternateur 3149 Drehstromgenerator 3149 Alternatore 3149 Alternador 3149 Växelströmsgenerator 3149\_RE527044\_PCD A.1

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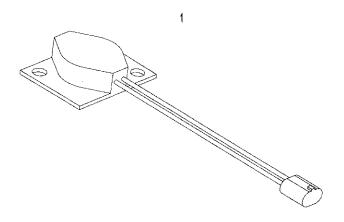
3149\_RE527044\_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks	
1 2 3	RE505489 19M7868 R501065	Wiring Harness Screw Washer	1 1 1		M8 X 30 SUB FOR APPL R48808	
4 5 6	12M7064 14M7297 14M7296	Lock Washer Nut Flange Nut	2 2 1		5 mm M5 M10	**************************************
7 8 9	R64525 RE540413 R505711	Thrust Washer Alternator Fan	1		28 V, 50 A	
10 11	RE516489 19M7812	Pulley Screw	1		M10 X 100	

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3195 Diode 3195 Diode 3195 Diode 3195 Diode 3195 Diodo 3195 Diodo 3195 Diod

3195\_RE509754\_PCD A.1

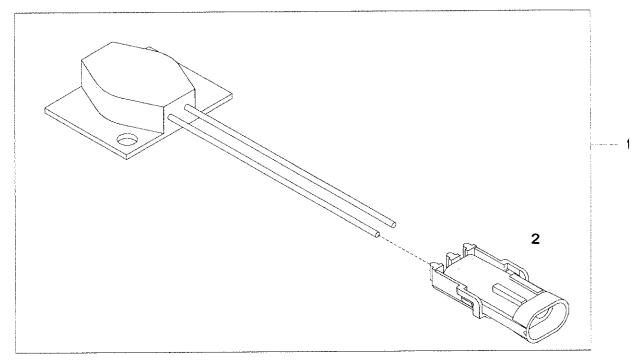


3195\_RE509754\_PCD

	Remarks	Engine Serial No.	Qty.	Part Name	t No.	ey.
			1	Diode	79	AT 1
· · · · · · · · · · · · · · · · · · ·	***********					

3196 Diode 3196 Diode 3196 Diode 3196 Diodo 3196 Diodo 3196 Diodo 3196 Diod

3196\_RE509755\_PCD C.1



3196\_RE509755\_PCD

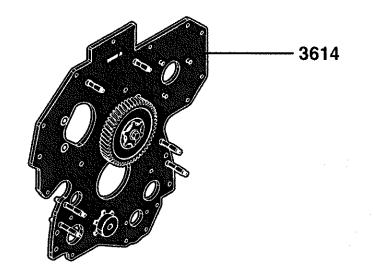
# 3100 Alternator 6068AFM85

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
2	AT163022 R78053 57M9216 57M9544	Diode Electrical Connector Assy Elec. Connector Seal Elec. Connector Terminal	1 1 2	24	V
	5/M9544	Elec. Connector Terminal	2		
					ante 1961 1970 - Parla ferto de Camerana, en menuno de manana en manda en manda en manana en manana en menuno e

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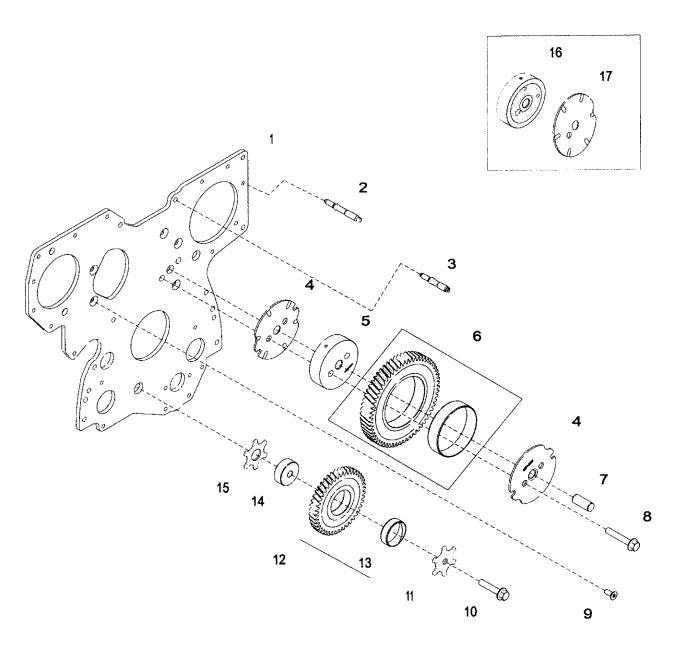
3614- 180



RGP16979

3614 Front Plate 3614 Plaque avant 3614 Frontplatte 3614 Piastra anteriore 3614 Placa frontal 3614 Främre plåt

3614\_RE506566\_PCD E.1



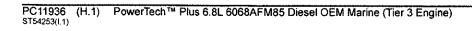
# 3614\_RE506566\_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks	
1 2 3	R537772 R520139 R134518	Plate Stud Stud	1 7 2	<u></u>	SUB FOR R504282	<u></u>
4 5 6	R534219 R534218 RE508489	Thrust Washer Shaft Gear	2 1 1		(A) Z = 60	<b>YALI (II) (II) (II) (II) (II) (III) (IIII) (III) (III) (III) (IIII) (III) (III) (III) (III) (III) (III) (II</b>
7 8 9	R515408 19M8844 R136475	Doweł Pin Screw Screw	1 2 5		M10 X 60	₩ <u>₩₩</u>
10 11 12	19M8966 R131283 RE56369	Screw Thrust Washer Gear	1		M10 X 50 (B) Z = 43	
13 14 15	R114193 R114194 R101225	Bushing Shaft Thrust Washer	1	·····		
16 17	R504843 R515494	Shaft Thrust Washer	1	······································	ORDER R534218 ORDER R534219	

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(A) Upper Idler Gear Pignon intermédiaire supérieur Oberes Zwischenrad Ingranaggio di rinvio superiore Piñón loco superior Övre mellandrev

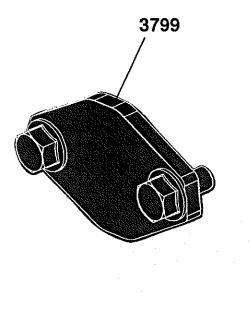
(B) Lower Idler Gear Pignon intermédiaire inférieur Unteres Zwischenrad Ingranaggio di rinvio inferiore Piñón loco inferior Nedre mellandrev



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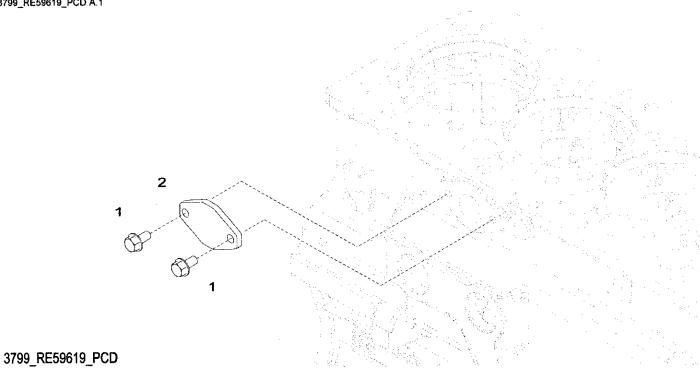
RGP16980 A.1

3799- 184



- 3799 Fuel Transfer Pump Cover 3799 Couvercie de pompe de transfert de carburant 3799 Kraftstofförderpumpen-Abdeckung 3799 Coperchio pompa trasferimento combustibile 3799 Cubierta de la bomba de transferencia de combustible 3799 Bränslepumpkåpa

3799\_RE59619\_PCD A.1



PowerTech™ Plus 6.8L 6068AFM85 Diesel OEM Marine (Tier 3 Engine) PC11936 (H.1) ST151775(F.1)

## 3700 Transfer Pump 6068AFM85

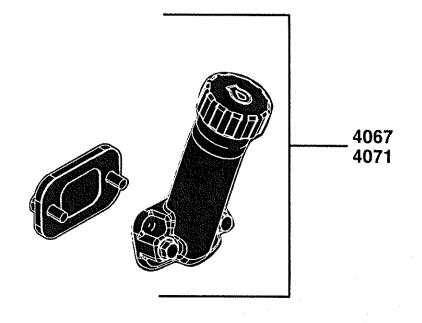
Key	Part No.	Part Name	Qty.	Engine Serial No.		Remarks	
	RE66334 R123396	Cap Screw Cover	2		(A)		
Fi Go Fi	letages avec pr ewinde mit vora letti con sigillan	-Applied Sealant oduit d'étanchéité préappliqué ufgetragenem Dichtmittel te preapplicato					

Roscas con pasta selladora preaplicada Gängor med redan applicerat tätningsmedel

Sectional Pictorial Index Index d'illustrations par sections. Gruppenbildindex Indice illustrato delle sezioni Indice de ilustraciones por secciones Avsnittsbildregister

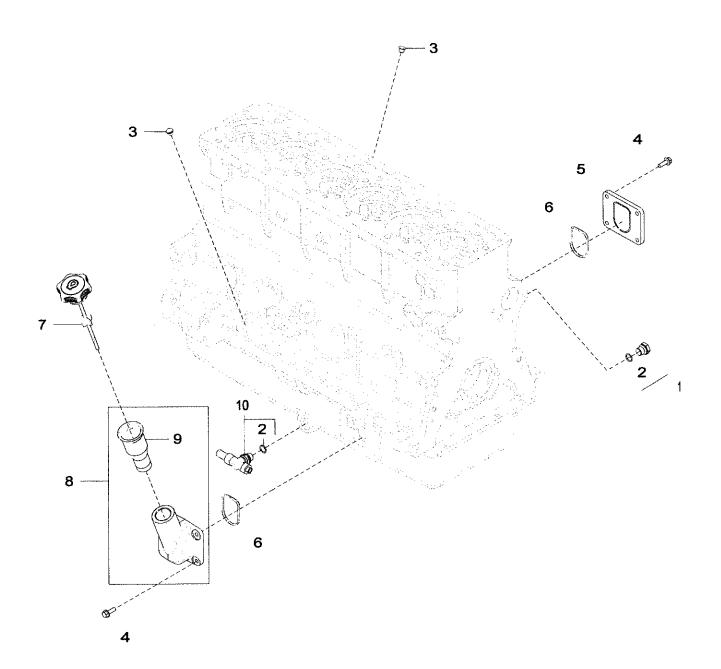
RGP16981 A.1

4067- 188 4071- 190



4067 Engine Oil Dipstick 4067 Jauge de niveau d'huile moteur 4067 Motoröl-Meßstab 4067 Astina livello olio motore 4067 Varilla de nivel de aceite de motor 4067 Mätsticka

4067\_RE535908\_PCD B.1



### 4067\_RE535908\_PCD

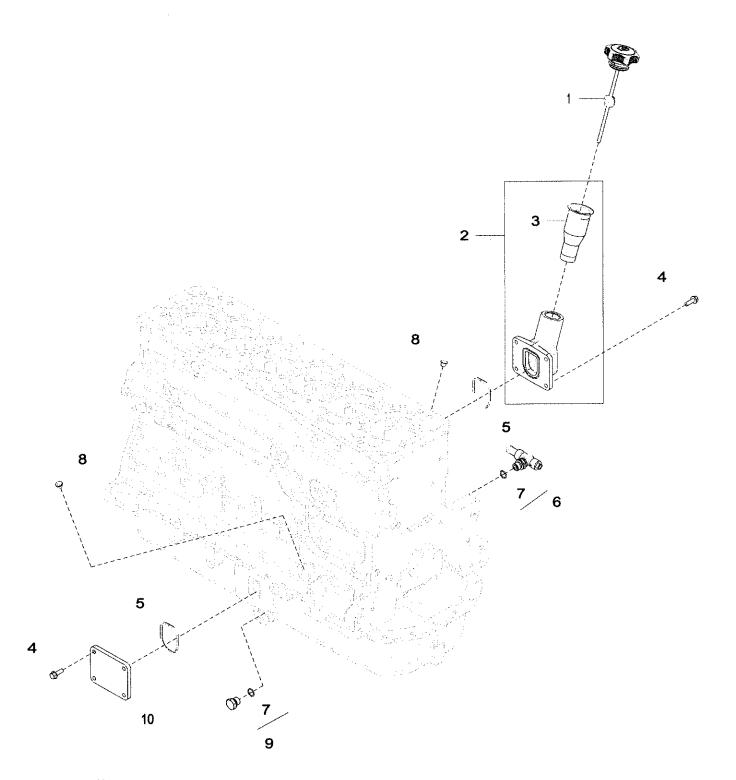
Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks	
1 2 3	RE46685 51M7043 R502725	Fitting Plug O-Ring Plug	1 2 2		15.300 X 2.200 mm	
4 5 6	19M7867 R526740 R526745	Screw Plate Seal	8 1 2		M8 X 25	
7 8 9	RE500217 RE535754 R121765	Dipstick Housing Dipstick Tube	1 1 1		MARKED R526742	
10	RE507952	Drain Valve	1			

PC11936 (H.1) PowerTech™ Plus 6.8L 6068AFM85 Diesel OEM Marine (Tier 3 Engine) ST155060(B.2)

4

- 4071 Engine Oil Dipstick 4071 Jauge à huile moteur 4071 Motoröl-Meßstab 4071 Astina livello olio motore 4071 Aspilla para medir el nivel de aceite de motor 4071 Mätsticka

4071\_RE538139\_PCD C.1



4071\_RE538139\_PCD

Кеу	Part No.	Part Name	Qty.	Engine Serial No.	Remarks	
1 2 3	RE500217 RE535754 R121765	Dipstick Housing Dipstick Tube	1 1 1		MARKED R526742	
4 5 6	19M7867 R526745 RE507952	Screw Seal Drain Valve	8 2 1		M8 X 25	
7 8 9	51M7043 R502725 RE46685	O-Ring Plug Fitting Plug	2 2 1		15.300 X 2.200 mm	·······
10	R526740	Plate	1			······································

PC11936 (H.1) PowerTech™ Plus 6.8L 6068AFM85 Diesel OEM Marine (Tier 3 Engine) ST415901(C.1)

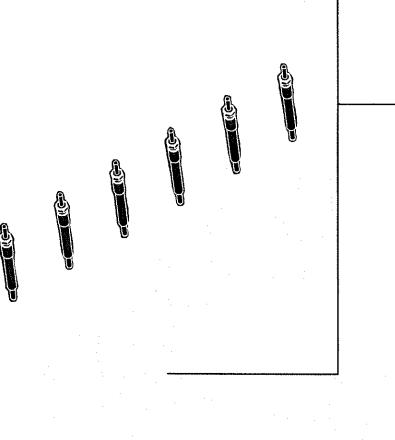
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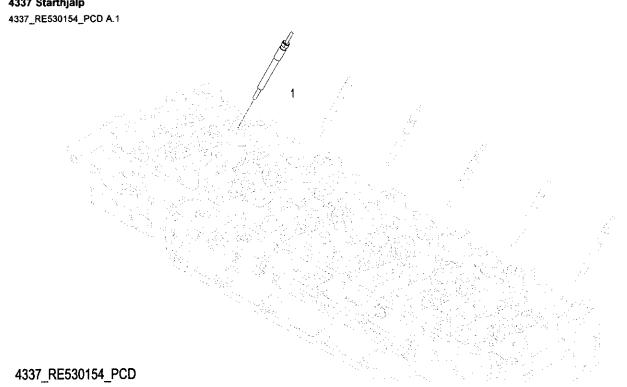
RGP16982 A.1

4337- 194 4338- 196



4337 4338

4337 Starting Aid 4337 Aide au démarrage 4337 Starthilfe 4337 Dispositivo ausiliario di avviamento 4337 Auxiliar de arranque 4337 Starthjälp

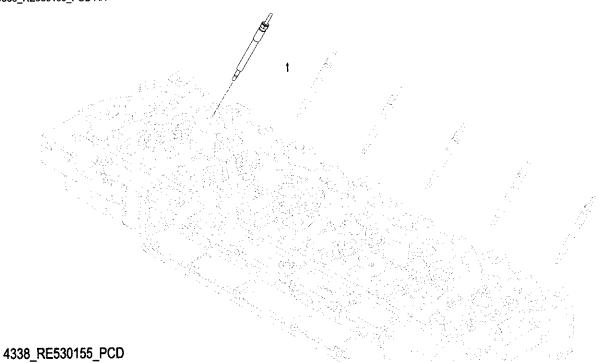


# 4300 Starting Aid 6068AFM85

Part No.	Part Name	Qty.	Engine Serial No.	Remarks	
RE504580	Glow Plug	6		· · · · · · · · · · · · · · · · · · ·	<u> </u>
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4338 Starting Aid 4338 Aide au démarrage 4338 Starthilfe 4338 Dispositivo ausiliario di avviamento 4338 Auxiliar de arranque 4338 Starthjälp

4338\_RE530155\_PCD A.1

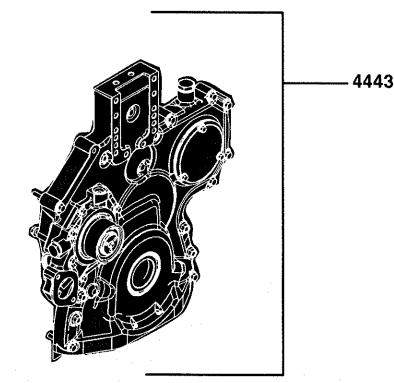


# 4300 Starting Aid 6068AFM85

Key	Part No.	Part Name		Qty.	Engine Serial No.	Remark	s	
	RE515622	Glow Plug		6				
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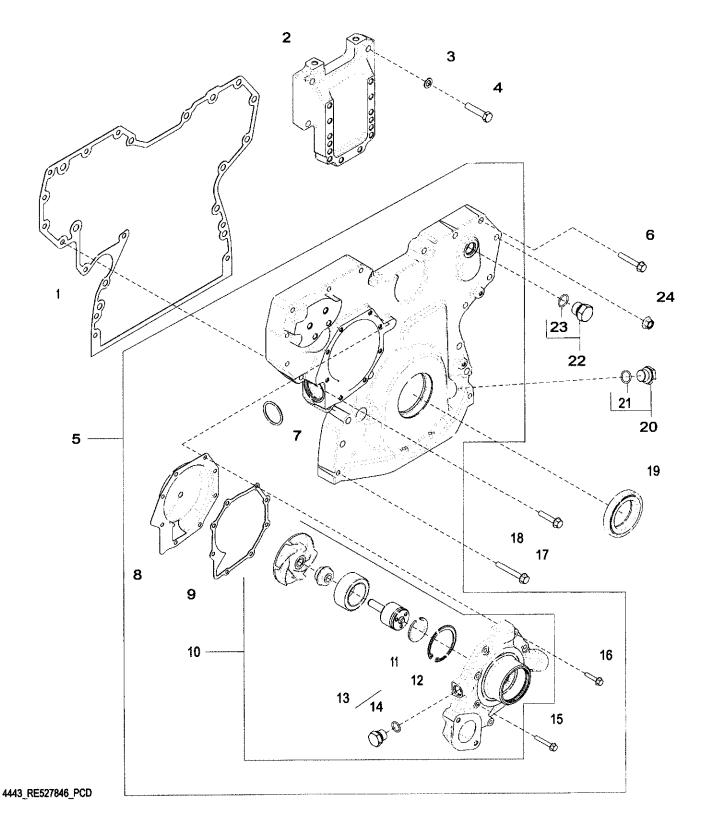
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RGP16983 A.1



- 4443 Timing Gear Cover 4443 Carter de distribution 4443 Steuergetriebedeckel 4443 Coperchio ingranaggi distribuzione 4443 Tapa de distribución 4443 Ventilstyrningslock

- 4443\_RE527846\_PCD D.1



Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1 2 3	R545883 R522907 24M7096	Gasket Support Washer	1 1 4		SUB FOR R526944 OR R523184 SUB FOR R516557 10.500 X 18 X 1.600 mm
4 5 6	19M8488 DZ10384 19M7800	Cap Screw Cover Screw	4 1 8		M10 X 45 MARKED DZ104970; SUB FOR RE527847 M8 X 50
7 8 9	R504734 RE508566 R123417	O-Ring Insert Gasket	1 1 1		
10 11 12	RE527848 A364R R71228	Water Pump Snap Ring Ring	1		MARKED R522301; ALSO ORDER RE508566 AND R123417
13 14	RE46685 51M7043 19M7797	Fitting Plug O-Ring Screw	1 1 1 3		15.300 X 2.200 mm M6 X 40
15 16 17 18	19M7796 19M7801 19M8317	Screw Screw Screw	5 3 1		M6 X 30 M6 X 30 M8 X 60 M8 X 40
18 19 20 21	RE538097 RE517370 51M7044	Seal Fitting O-Ring	1 1 1		SUB FOR RE505515 17.300 X 2.200 mm
22 23 24	RE46687 51M7045 14M7296	Drain Plug O-Ring Flange Nut	1 1 9		19.300 X 2.200 mm M10

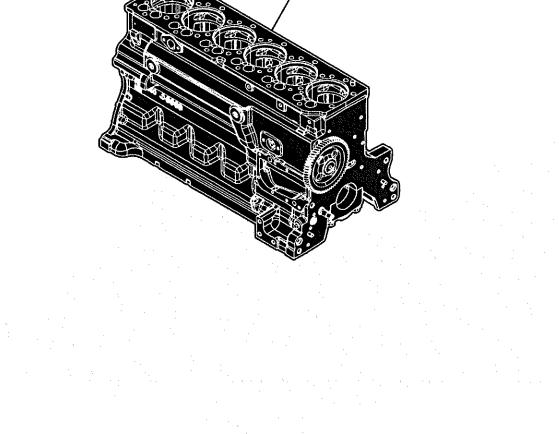
PC11936 (H.1) PowerTech™ Plus 6.8L 6068AFM85 Diesel OEM Marine (Tier 3 Engine) ST155063(H.1)

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Sectional Pictorial Index Index d'illustrations par sections. Gruppenbildindex Indice illustrato delle sezioni Indice de ilustraciones por secciones Avsnittsbildregister

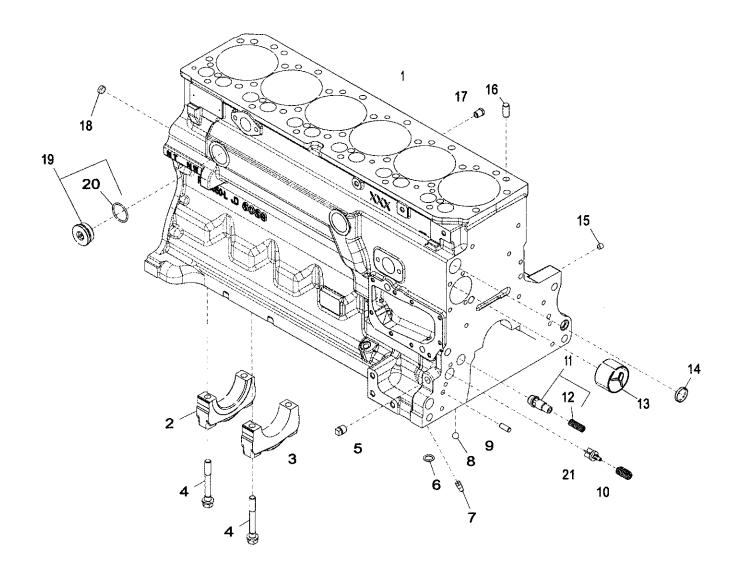
RGP16984 A.1



4633

4833 Engine Cylinder Block 4633 Bloc-cylindres de moteur 4633 Motorzylinderblock 4633 Monoblocco motore 4633 Bloque de cilindros de motor 4633 Motorblock

4633\_RE522134\_PCD C.2



### 4633\_RE522134\_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1 2 3	R535004 R536082	Cylinder Block Bearing Cap Bearing Cap	1 1 6		MARKED R504850; ORDER RE528638 MARKED R536083 MARKED R536083
4 5 6	R535005 15H695 R97185	Cap Screw Pipe Plug O-Ring	14 1 1		3/8",
7 8 9	R131182 D2361R R26650	Orifice Ball Dowel Pin	6 1 2		9.525 X 25.400 mm, SUB FOR B154R
10 11 12	R111137 RE505501 R131425	Spring Bleed Valve Compression Spring	1 1 1		
13 14 15	R119874 R116466 RE71255	Bushing Plug Pipe Plug	1 1 1		ALSO ORDER TY6333 SUB FOR R104592 AND RE42713
16 17 18	R48685 RE507807 T18891	Dowel Pin Pipe Plug Plug	4 1 2		SUB FOR A120R 1/4"-18 NPT OD = 16 mm
19 20 21	RE508185 U13639 R121043	Fitting O-Ring Valve	2 1 1		1-5/8"-12 UN 1-5/8"-12 UN

PC11936 (H.1) PowerTech™ Plus 6.8L 6068AFM85 Diesel OEM Marine (Tier 3 Engine) ST54262(D.1)

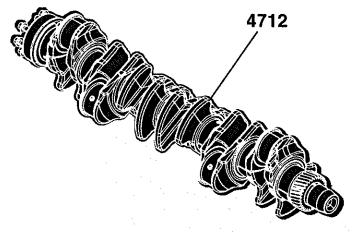
#### 4700 Crankshaft 6068AFM85

## 4712- 208

Sectional Pictorial Index Index d'illustrations par sections. Gruppenbildindex Indice illustrato delle sezioni Indice de ilustraciones por secciones Avsnittsbildregister

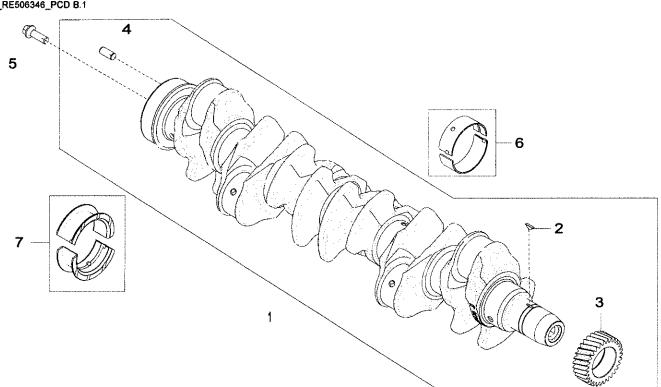
RGP16985 A.1

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- 4712 Crankshaft and Bearings 4712 Vilebrequin et paliers 4712 Kurbelwelle und Lager 4712 Albero a gomiti e cuscinetti 4712 Cigüeñal y cojinetes 4712 Vevaxel och lager

4712\_RE506346\_PCD B.1



4712\_RE506346\_PCD

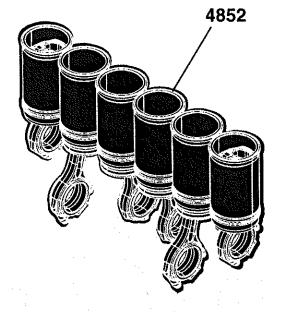
Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	RE505921	Crankshaft	1		MARKED R503470; ALSO ORDER RE537070 AND RE537071
	SE501655	Crankshaft Reman	1		(A) REMAN FOR RE505921
2	R505609	Shaft Key	1		LGTH = 18.5 mm
3 4 5	R120631 R48685 R135918	Gear Dowel Pin Bolt	1 1 6		Z = 30 SUB FOR A120R
6	RE65165	Bearing Kit	6		STD, Kit, R123561 AND R123562
	RE65911	Bearing	AR		US = 0.254 mm, Kit, R130576 AND R130577
7	RE65168	Bearing Kit	1		STD, Kit, R123564 AND R123563
	RE65912	Thrust Bearing	AR		US = 0.254 mm, Kit, R130574 AND R130575

(A) With Bearings AVEC ROULEMENTS Mit Lagern Con cuscinetti Con cojinetes Med lager

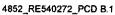
4852- 212

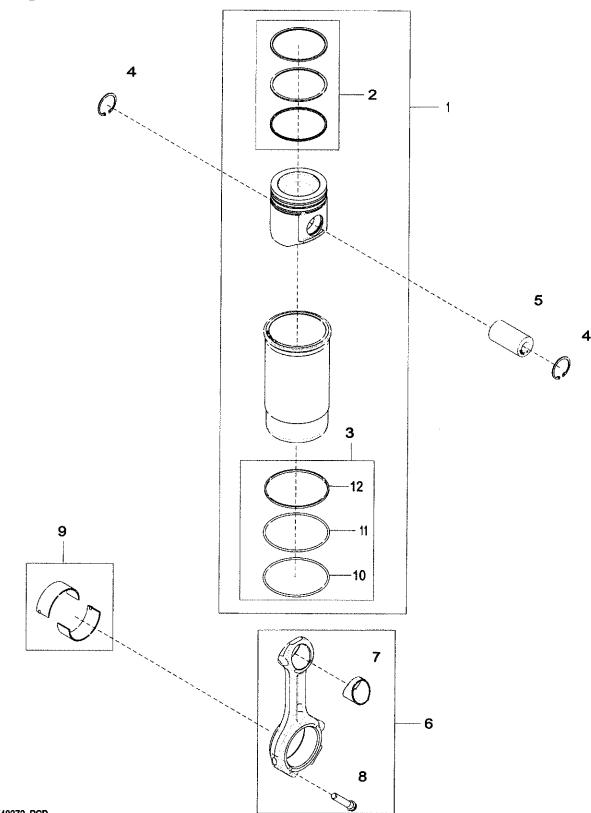
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RGP16986 A.1



4852 Connecting Rod, Piston and Liner 4852 Bielle, piston et chemise 4852 Pleuelstange, Kolben und Büchse 4852 Biella, pistone e camicia 4852 Biela, émbolo y forro 4852 Vevstake, kolv och foder





4852\_RE540272\_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks	
1 2 3	RE540936 RE524453 AR65507	Piston-Liner Kit Piston Ring Kit O-Ring Kit	6 1 1		<b>IN 1979 </b>	<u>, , , , , , , , , , , , , , , , , , , </u>
4 5 6	R54114 R502755 RE500608	Snap Ring Piston Pin Connecting Rod	12 6 6			
7 8	SE501094 R114082 R501124	Connecting Rod Reman Bushing Screw	6 1 2		REMAN FOR RE500608	ANALY 2012 1997 1997 1997 1997 1997 1997 1997 19
9 10 11	RE65908 R55453 R26121	Bearing O-Ring O-Ring	6 6 6			
12	R48767	Packing	6			

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Sectional Pictorial Index Index d'illustrations par sections. Gruppenbildindex Indice illustrato delle sezioni Indice de ilustraciones por secciones Avsnittsbildregister

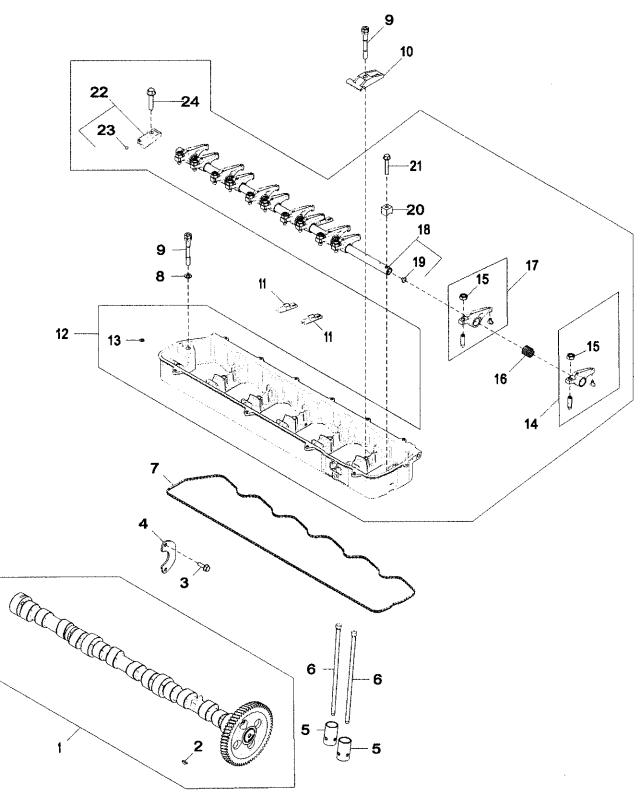
RGP16987 A.1

4905-4940-

4905

- 4905 Rocker Arm / Shaft / Tappet / Push Rod 4905 Culbuteur / arbre / poussoir de soupape / tige 4905 Kipphebel / Kipphebelwelle / Stößel / Stößelstange 4905 Bilanciere/Albero/Punteria/Asta punteria 4905 Balancín / árbol / botador / varilla de empuje 4905 Vipparm / vipparmsaxel / kam / stötstång

4905\_RE522136\_PCD D.3



4905\_RE522136\_PCD

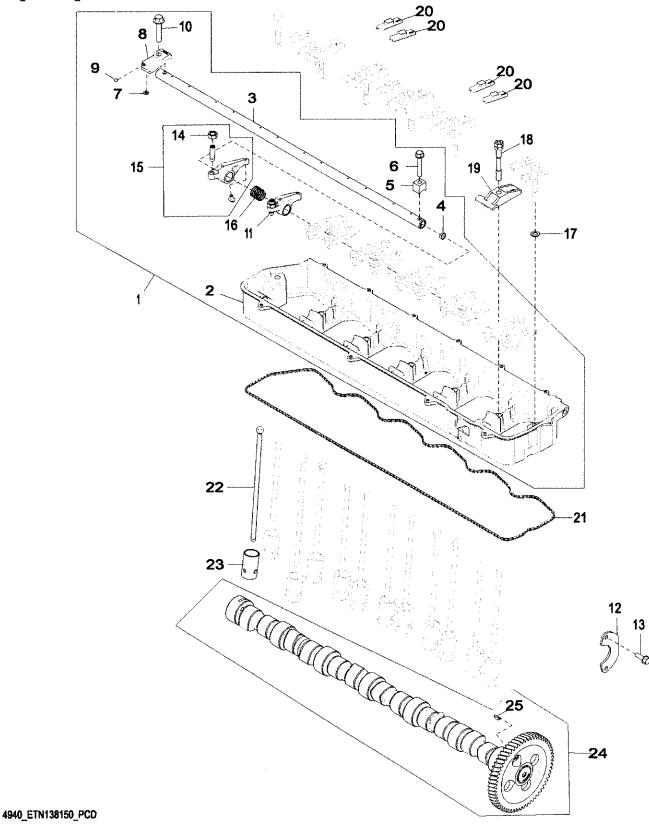
Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	RE521603	Çamshaft	1		ORDER RE528950
	RE528950 SE501812	Camshaft Camshaft Reman	1		REMAN FOR RE528950
2 3 4	R133303 19M8999 R132518	Shaft Key Screw Plate	1 2 1		M8 X 25
5 6	DZ101670 RE556544 RE566623	Cam Follower Push Rod Push Rod	12 12 12		SUB FOR R123565 ORDER RE566623; SUB FOR RE547909 SUB FOR RE556544
7 8 9	R524496 24M7096 R521458	Gasket Washer Screw	1 2 7		SUB FOR R504882 10.500 X 18 X 1.600 mm
10 11 12	R516140 R541677 RE533148	Strap Valve Bridge Rocker Arm Shaft	5 12 1		SUB FOR R502341
13 14 15	R520867 RE523023 14M7148	O-Ring Rocker Arm Nut	1 6 1		(A) M10
16 17 18	R505543 RE504210 RE516491	Spring Rocker Arm Rocker Arm Shaft	6 6 1		(B)
19 20 21	30M7004 R504631 19M9170	Plug Clamp Screw	2 1 1		M8 X 50
22 23 24	RE523032 R69281 19M8966	Cap Ball Screw	1 1 1		M10 X 50
	Intake Admission			(B) Exh	

Admission Ansaugung Aspirazione Admisión Inlopp

Échappement Auspulf Scarico gas Escape Avgas

- 4940 Value Actuating Mechanism 4940 Dispositif d'actionnement de commande de valeur 4940 Ventilbetätigungsmechanismus 4940 Meccanismo di azionamento valvola 4940 Mecanismo accionador de valor 4940 Ventilaktiveringsmekanism

4940\_ETN138150\_PCD A.7



Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks	
1	RE533148	Rocker Arm Shaft	1			
3	RE536260	Housing Rocker Arm Shaft	1		MARKED R525452 INCLUDES (2) 30M7004	
4	30M7004	Plug	2			
5 6	R504631 RE539912	Clamp Screw	1			
7 8 9	R520867 RE523032 R69281	O-Ring Cap Ball	1 1 1		INCLUDES R69281	
10 11 12	19M8966 R132518	Screw Rocker Arm Plate	1 6 1		M10 X 50 (A) INCLUDES 14M7148	
13 14 15	19M8999 14M7148	Screw Nut Rocker Arm	2 1 6		M8 X 25 M10 (B)	
16 17 <u>18</u>	R505543 24M7096 R521458	Spring Washer Screw	6 2 7		10.500 X 18 X 1.600 mm	
19 20 21	R516140 R541677 R524496	Strap Valve Bridge Gasket	5 12 1			
22 23 <u>24</u>	RE566623 R123565 DZ100032	Push Rod Cam Follower Camshaft	12 12 1			
<u>25</u>	R133303	Shaft Key	1			

(A) Intake Admission Ansaugung Aspirazione Admisión Inlopp

(B) Exhaust Échappement Auspuff Scarico gas Escape Avgas

PC11936 (H.1) ST855954(B.1) PowerTech™ Plus 6.8L 6068AFM85 Diesel OEM Marine (Tier 3 Engine)

### 5000 Oil Pump 6068AFM85

5024-

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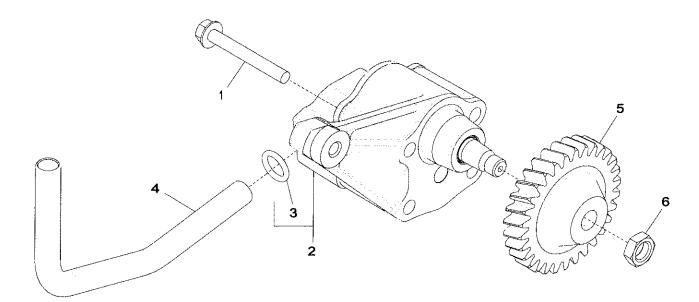
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RGP16988 A.1

5024

5024 Engine Oil Pump 5024 Pompe à huile 5024 Motorölpumpe 5024 Pompa olio motore 5024 Bomba de aceite 5024 Oljepump

5024\_RE522137\_PCD A.1



5024\_RE522137\_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks	
1 2	19M8987 DZ100021 SE501813	Screw Oil Pump Oil Pump Reman	2 1 1		M8 X 65, SUB FOR APPL 19 SUB FOR RE521756 REMAN FOR RE521756	M9355
3	R97185 R526838 R120638	O-Ring Oil Tube	1		SUB FOR R518880	
<u>5</u> 6	14M7066	Gear Nut	<u>1</u>		M12	
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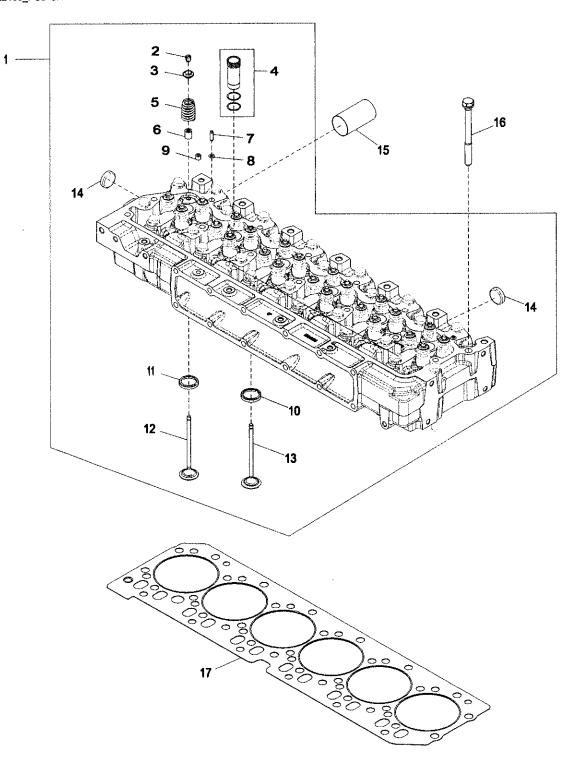
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Sectional Pictorial Index Index d'illustrations par sections. Gruppenbildindex Indice illustrato delle sezioni Indice de ilustraciones por secciones Avsnittsbildregister

RGP16989 A.1

5120

5120 Cylinder Head 5120 Culasse 5120 Zylinderkopf 5120 Testata cilindri 5120 Culata 5120 Topplock 5120\_RE522138\_PCD C.1



5120\_RE522138\_PCD

Кеу	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	RE521639 SE501583 RE553421	Cylinder Head Cylinder Head Reman Cylinder Head	1 1 1		ORDER RE553421 REMAN FOR RE521639
2 3 4	R534978 R502367 RE543935	Retainer Cap Sleeve	48 24 6		SUB FOR R502371 SUB FOR RE517435
5 3 7	RE531223 RE526519 R521544	Spring Kit Seal Bushing	24 24 2		INCLUDES (2) R518872
3 9 10	R520867 RE71255 RE518082	O-Ring Pipe Plug Valve Seat Insert	7 1 6		SUB FOR R104592 AND RE42713 (A) SUB FOR R515034
11 12	RE518083 RE518081 RE557891	Valve Seat Insert Valve Kit Valve Kit	6 6 6		(B) SUB FOR R515033 ORDER RE557891 (B) INCLUDES (2) R502367, (2) RE526519 AND (4) R534978
13	RE531221 RE557890	Valve Kit Valve Kit	6 6		ORDER RE557890 (A) INCLUDES (2) R502367, (2) RE526519 AND (4) R534978
14	CD16284	Plug	4		
15 16 17	R519582 R534091 R116516	Sleeve Cap Screw Engine Cylinder Head Gasket	6 26 1		SUB FOR R502511
(A)	Intake				age let

(A) Intake Admission Ansaugung Aspirazione Admisión Inlopp

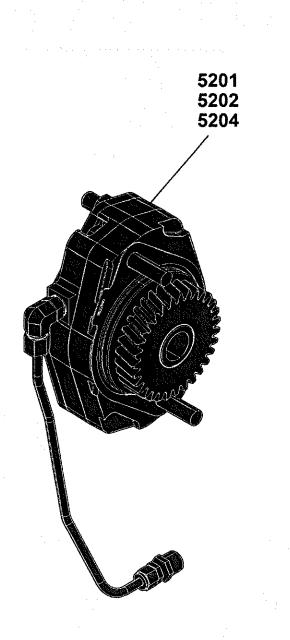
(B) Exhaust Échappement Auspuff Scarico gas Escape Avgas

## 5200 Auxiliary Drive 6068AFM85

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	5204-	234

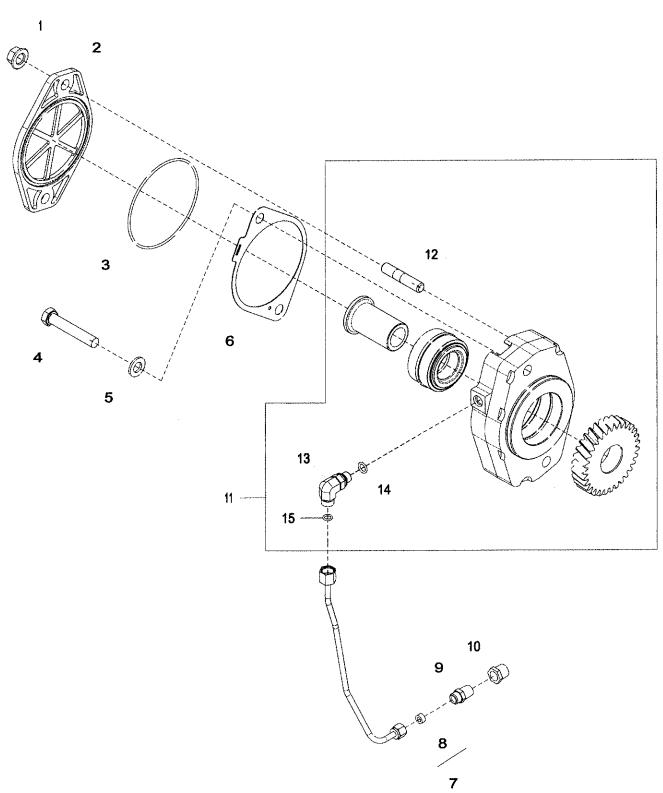
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# 5201 Auxiliary Drive 5201 Entraînement auxiliaire 5201 Zusatzantrieb 5201 Comando ausiliario 5201 Transmisión auxiliar 5201 Hjälpdrev

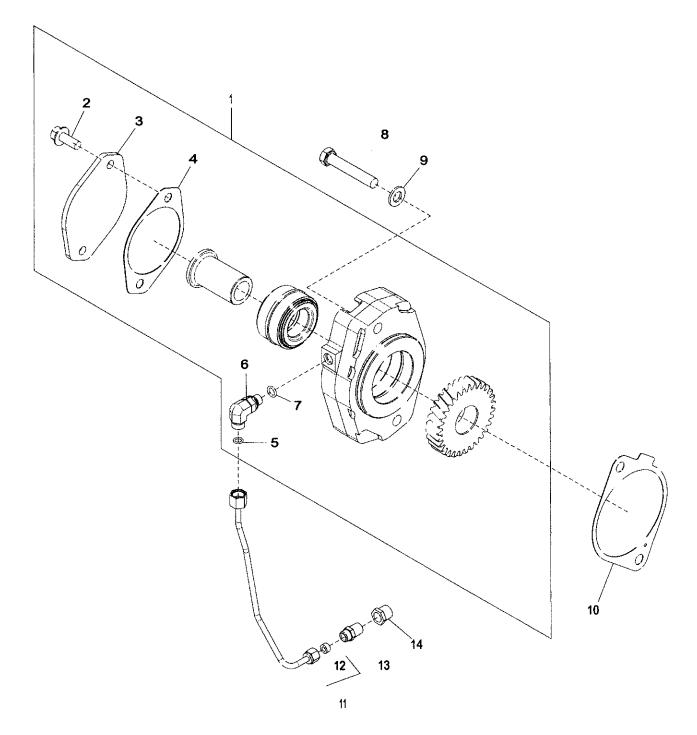
5201\_RE59504\_PCD B.1



Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks	
1 2 3	14M7299 R135757 T20758	Flange Nut Cover O-Ring	2 1 1		M12	
456	19M7753 24M7047 R522690	Cap Screw Washer Gasket	2 2 1		M12 X 70 13 X 24 X 2.500 mm SUB FOR R134465	
7 8 9	RE506914 R51936 R110664	Oil Line Sealing Washer Coupling	1 1 1			
10 11 12	15H700 RE500824 42M7071	Pipe Bushing Housing Stud	1 1 2		1/4"	
13 14 15	38H5015 51M7040 T77814	Elbow Fitting O-Ring O-Ring	1 1 1		9.300 X 2.200 mm	

- 5202 Auxiliary Drive 5202 Entraînement auxiliaire 5202 Zusatzantrieb 5202 Comando ausiliario 5202 Transmisión auxiliar 5202 Hjälpdrev

- 5202\_RE59502\_PCD B.1

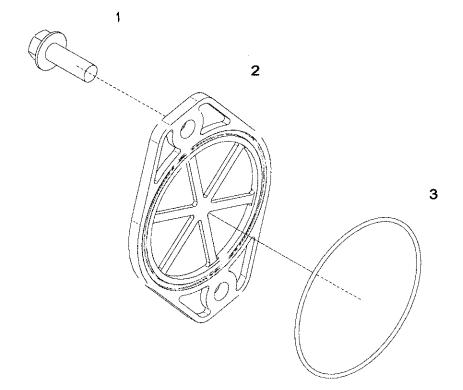


5202\_RE59502\_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks	
1 2 3	RE500825 19M7785 R85145	Housing Screw Cover	1 2 1		MARKED R135120 M10 X 25	
4 5 6	R96935 T77814 38H5015	Gasket O-Ring Elbow Fitting	1		M12 X 1.5 X 9/16"-18 UNF	
7 8 9	51M7040 19M7753 24M7047	O-Ring Cap Screw Washer	1 2 2		9.300 X 2.200 mm M12 X 70 13 X 24 X 2.500 mm	
10 11 12	R522690 RE506914 R51936	Gasket Oil Line Sealing Washer	1 1 1		SUB FOR R134465	<u></u>
13 14	R110664 15H700	Coupling Pipe Bushing	1		1/4"-18 NPT X 1/2"-24 UNS 1/4",	······································

- 5204 Auxiliary Drive Cover 5204 Couvercle d'entraînement auxiliaire 5204 Nebenantriebsdeckel 5204 Coperchio comando ausiliario 5204 Tapa de mando auxiliar 5204 Hjälpdrevskåpa

- 5204\_RE59264\_PCD C.1



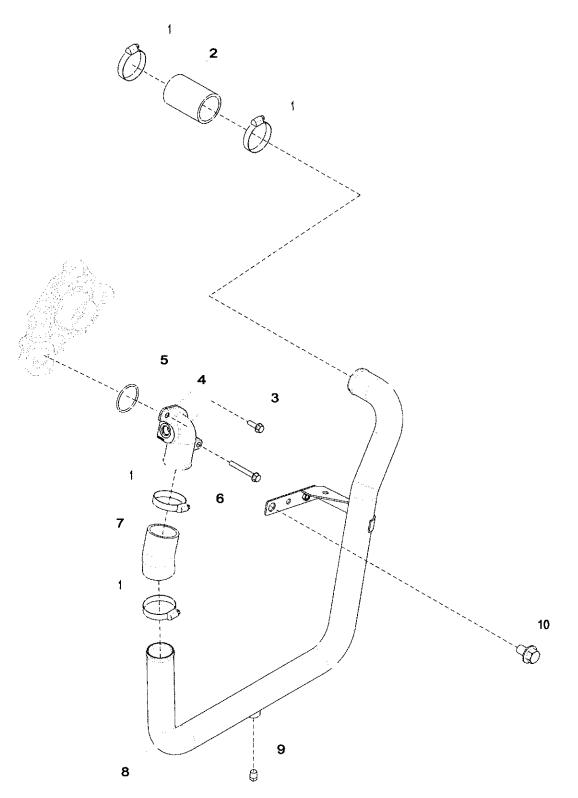
5204\_RE59264\_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.		Remarks		
1 2 3	19M7790 R135757 T20758	Screw Cover O-Ring	 2 1 1		M12 X 35		<u></u>	
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5733\_RE537152\_PCD A.1



5733\_RE537152\_PCD

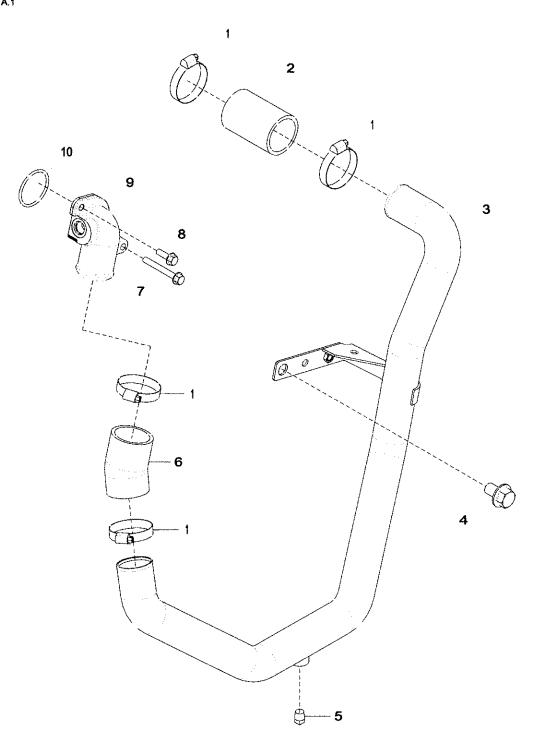
# 5700 Water Pump Inlet 6068AFM85

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks	
1	TY22470 R230480	Clamp Radiator Hose	4			
3	19M7867	Screw	1		M8 X 25	
4	R502983	Water Pump Connection	1	·····		
5	R89944 19M7802	O-Ring Screw	1		M8 X 65	
7	R519500	Hose Tube	1			
8 9	RE536612 15H604	Tube Pipe Plug	1		1/4"	
10	19M8468	Screw	1		M16 X 25	

PC11936 (H.1) PowerTech<sup>™</sup> Plus 6.8L 6068AFM85 Diesel OEM Marine (Tier 3 Engine) ST155090(C.1)

- 5737 Water Pump Inlet 5737 Entrée de pompe à eau 5737 Wasserpumpeneinlass 5737 Ingresso pompa acqua 5737 Entrada de bomba de agua 5737 Vattenpumpinlopp

5737\_RE544610\_PCD A.1



5737\_RE544610\_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks	
1 2 3	TY22470 R230480 RE544609	Clamp Radiator Hose Tube	4 1 1	<u></u>		alan ya da ya manga da ya manga kana ya kana y
4 5 6	19M8468 15H604 R519500	Screw Pipe Plug Hose	1 1 1		M16 X 25 1/4"	
7 8 9	19M7802 19M7867 R502983	Screw Screw Water Pump Connection	1 1 1		M8 X 65 M8 X 25	······································
10	R89944	O-Ring	1			

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5973

5973- 244

Sectional Pictorial Index Index d'illustrations par sections. Gruppenbildindex Indice illustrato delle sezioni Indice de ilustraciones por secciones Avsnittsbildregister

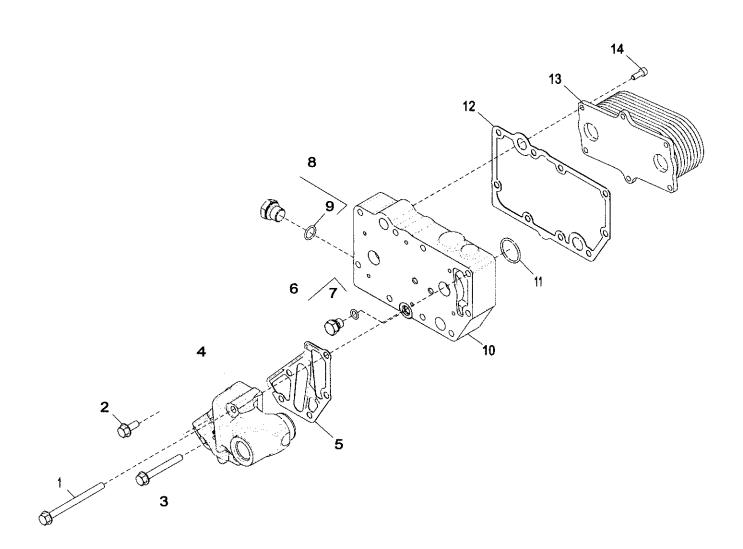
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RGP16992

PC11936 (H.1) PowerTech™ Plus 6.8L 6068AFM85 Diesel OEM Marine (Tier 3 Engine)

5973 Oil Cooler 5973 Refroidisseur d'huile 5973 Ölkühler 5973 Scambiatore di calore olio 5973 Refrigerador de aceite 5973 Oljekylare

5973\_RE556181\_PCD B.4



Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks	
1	19M7970	Screw	2		M8 X 100	·····
3	RE67238 19M7802	Screw Screw	1		M8 X 65	
4 5 6	R537134 R501428 RE46686	Cover Gasket Fitting	1 1 1			
7	51M7040 RE46685	O-Ring	1		9.300 X 2.200 mm	
9	51M7043	O-Ring Fitting Plug O-Ring	1		15.300 X 2.200 mm	
10 11 12	R520983 T122075 R123501	Housing O-Ring Gasket	1 2 1		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	<u></u>
13 14	RE560754 RE67231	Oil Cooler Screw	1		(A) SUB FOR RE59298	

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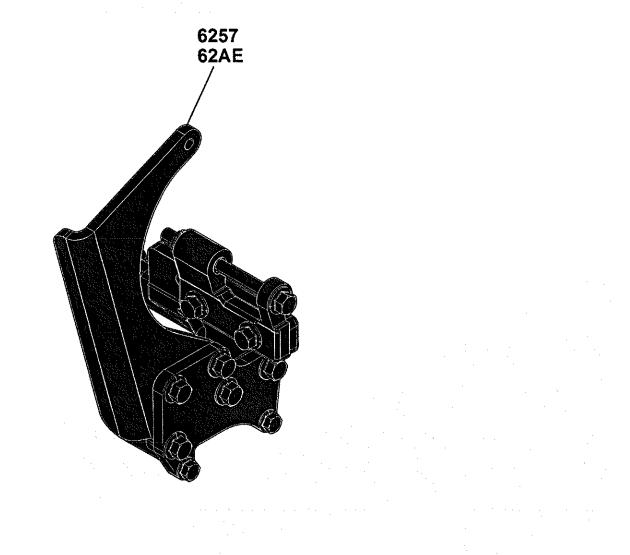
PC11936 (H.1) ST747548(C.2) PowerTech™ Plus 6.8L 6068AFM85 Diesel OEM Marine (Tier 3 Engine)

6257- 248 62AE- 250

Sectional Pictorial Index Index d'illustrations par sections. Gruppenbildindex Indice illustrato delle sezioni Indice de ilustraciones por secciones Avsnittsbildregister

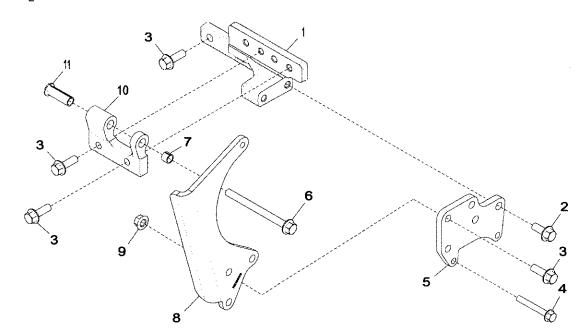
RGP20320 A.1

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- 6257 Alternator Brackets 6257 Supports de l'alternateur 6257 Drehstromgenerator-Halterungen 6257 Staffe dell'alternatore 6257 Soporte de alternador 6257 Generatorfästen

6257\_RE517275\_PCD C.3

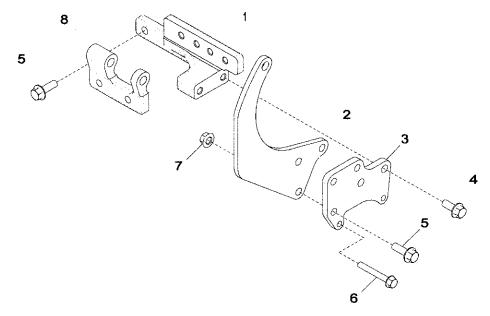


6257\_RE517275\_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks	
1	R529946 19M7785	Bracket	1		SUB FOR R516584	
3	19M7786	Screw Screw	. <del>4</del> 7		M10 X 25 M10 X 30	
4 5 6	19M7801 R521166 19M7944	Screw Strap Screw	2	<u></u>	M8 X 60 SUB FOR R516510 M10 X 120	
7 8 9	R135423 R516569 14M7296	Bushing Strap Flange Nut	1 1 3		M10 M10	
10 11	R516574 R134010	Bracket Bushing	1			

62AE Alternator Brackets 62AE Supports de l'alternateur 62AE Drehstromgenerator-Halterungen 62AE Staffe dell'alternatore 62AE Soporte de alternador 62AE Generatorfästen

62AE\_RE532526\_PCD B.1



62AE\_RE532526\_PCD

Key	Part No.	Part Name	Qty:	Engine Serial No.		Remarks
1 2	R529946 R515609 R516510	Bracket Strap Hose	1			
4	19M7785	Screw	1		M10 X 25	· · · · · · · · · · · · · · · · · · ·
5	19M7786 19M7801	Screw Screw	2 7 2		M10 X 25 M10 X 30 M8 X 60	
7	14M7296 R516574	Flange Nut Bracket	3		M10	
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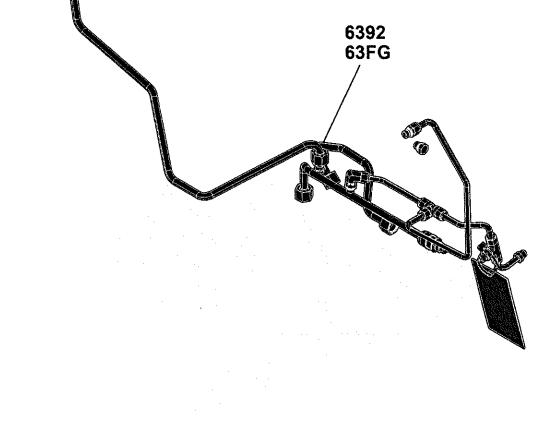
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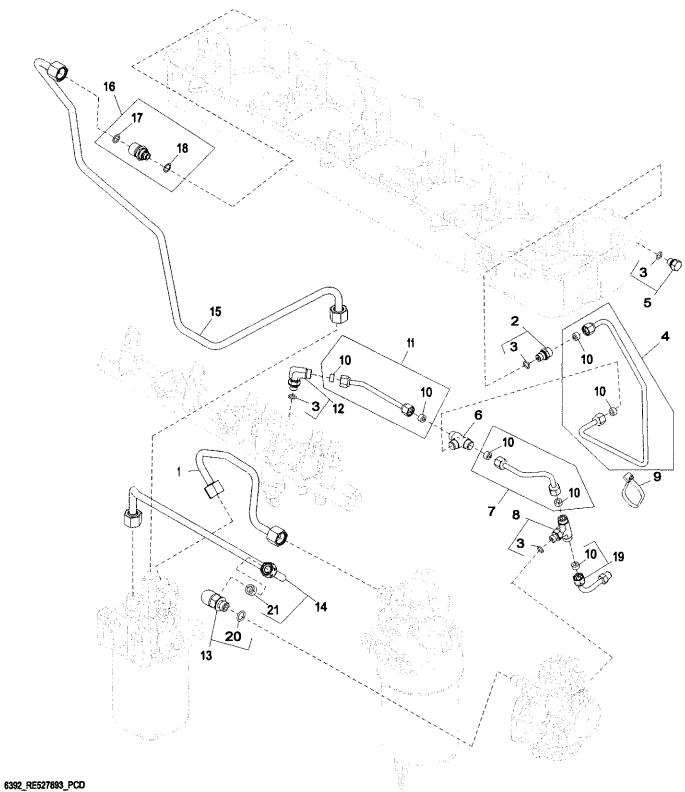
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RGP20321 A.1



- 6392 Fuel Lines 6392 Conduites de carburant 6392 Kraftstoffleitungen 6392 Tubi alimentazione combustibile 6392 Lineas de combustible 6392 Bränsleledningar

- 6392\_RE527893\_PCD D.3

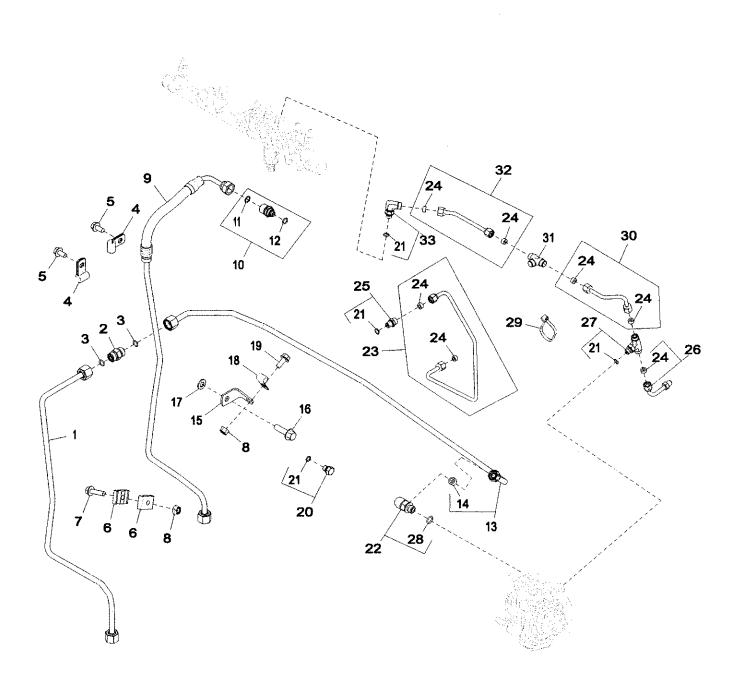


Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks	
1 2	RE529351 RE60028	Fuel Line Fitting	1			
3	51M7039	O-Ring	4		8.100 X 1.600 mm	
4	RE527253	Fuel Line	1			······································
6	RE60071 R97061	Fitting Tee Fitting	1			
7	RE523463	Fuel Line	1			
9	RE502175 R44302	Fitting Tie Band	1			
10	R51936	Sealing Washer	7			
11 12	RE523464 RE502173	Fuel Line Fitting	1			
13	RE502174	Elbow Fitting	1			
14 15	RE529352 RE546050	Fuel Line Fuel Line	1			
16	RE507247	Hose Fitting			SUB FOR RE529353	
17	T77613	O-Ring	1			
18	<u>R500271</u>	O-Ring	1			
19 20	RE50535	Fuel Line	1			
21	51M7041 R67092	O-Ring Sealing Washer	1		11.300 X 2.200 mm	

PC11936 (H.1) PowerTech™ Plus 6.8L 6068AFM85 Diesel OEM Marine (Tier 3 Engine) ST153098(E.1)

63FG Low Pressure Fuel Lines 63FG Conduites d'alimentation basse pression 63FG Niederdruck-Kraftstoffleitungen 63FG Tubi di alimentazione bassa pressione 63FG Tuberías de combustible a baja presión 63FG Làgtrycksledningar för bränsle

63FG\_RE555328\_PCD B.2



63FG\_RE555328\_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks	
1 2 3	RE555326 R63548	Fuel Line Union Fitting O-Ring	1 1 2			
4 5 6	T28862 19M7865 H128515	Clamp Screw Clamp	2 2 2	<u></u>	M8 X 16	
7 8 9	19M7868 14M7298 DZ103721	Screw Flange Nut Fuel Line	1 2 1		M8 X 30 M8 SUB FOR RE555325	
10 11 <u>12</u>	RE507247 R500271 T77613	Hose Fitting O-Ring O-Ring	1		ALSO ORDER R500271 AND T77613	
13 14 15	RE555327 R67092 R133722	Fuel Line Sealing Washer Bracket	1			
16 17 18	19M7835 24M7028 T13814	Screw Washer Clamp	1 1 1		M10 X 35 10.500 X 20 X 2 mm	
19 20 21	19M7866 RE60071 51M7039	Screw Fitting O-Ring	1		M8 X 20 8.100 X 1.600 mm	
22 23 24 25 26 27	RE502174 RE527253 R51936	Elbow Fitting Fuel Line Sealing Washer	1 1 7			
	RE60028 RE50535 RE502175	Fitting Fuel Line Fitting	1			
28 29 30 31 32 33	51M7041 R44302 RE523463	O-Ring Tie Band Fuel Line	1		11.300 X 2.200 mm	
31 32 <u>33</u>	R97061 RE523464 RE502173	Tee Fitting Fuel Line Fitting	1			

6400 Exhaust Elbow 6068AFM85

6402-	260
6443-	262
6444-	264

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RGP16995A A.1

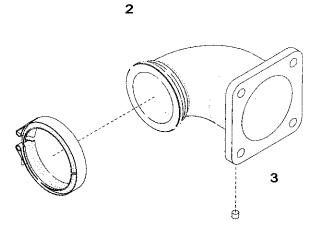


RGP16995A

6402 Exhaust Elbow 6402 Collecteur d'échappement 6402 Auspuffknie 6402 Gomito di scarico 6402 Colector de escape 6402 Avgaskrök

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6402\_RE49958\_PCD A.1



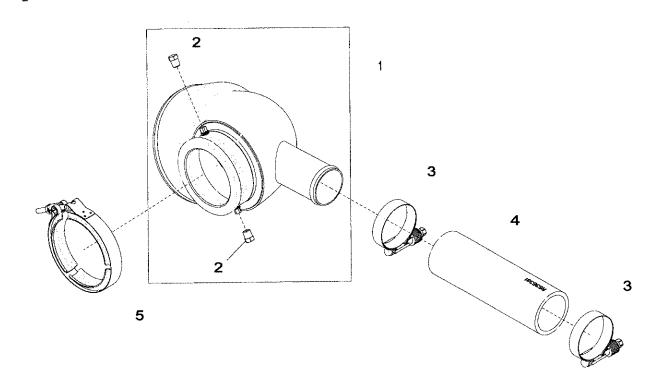
## 6402\_RE49958\_PCD

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PowerTech™ Plus 6.8L 6068AFM85 Diesel OEM Marine (Tier 3 Engine) PC11936 (H.1) ST153100(B.1)

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1   2   3	RE47537 R110108 RE71255	Clamp Elbow Fitting Pipe Plug	1 1 1		
			an sta Santa Santa Santa Santa Santa		

6443 Exhaust Elbow 6443 Coude d'échappement 6443 Auspuffwinkelverschraubung 6443 Gomito di scarico 6443 Codo de escape 6443 Avgaskrök 6443\_RE554419\_PCD A.1

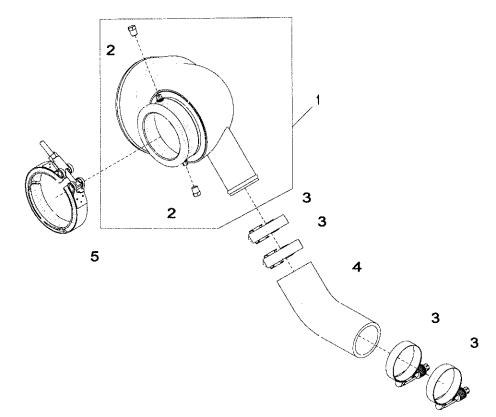


6443\_RE554419\_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1 2 3	RE567997 L2646N RE67208	Exhaust Pipe Pipe Plug Clamp	1 2 2		
45	R535381 RE47537	Hose Clamp	<u>2</u> 1 1	·····	
3	<u>KE47337</u>				

6444 Exhaust Elbow 6444 Coude d'échappement 6444 Auspuffwinkelverschraubung 6444 Gomito di scarico 6444 Codo de escape 6444 Avgaskrök

6444\_RE555548\_PCD A.1



6444\_RE555548\_PCD

Key	Part No.	Part Name	Engine Qty. Serial No. Remarks	<u></u>
1 2 3	RE567998 L2646N RE67208	Exhaust Pipe Pipe Plug Clamp	1 2 4	
4	R537101 RE285844	Hose Clamp		
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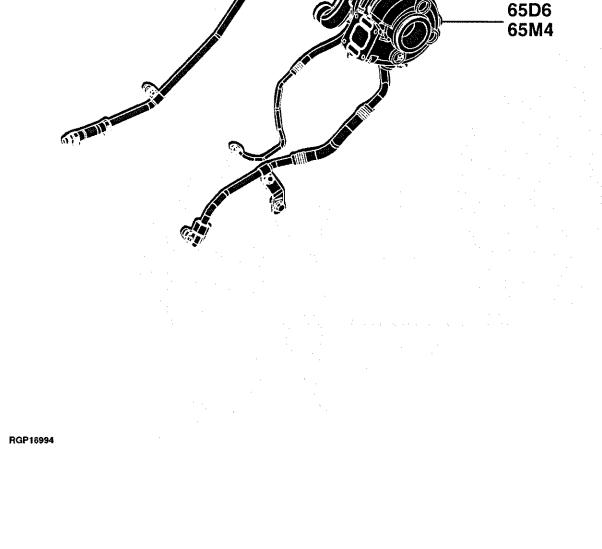
6500 Turbocharger 6068AFM85

268 270

65D6-65M4-

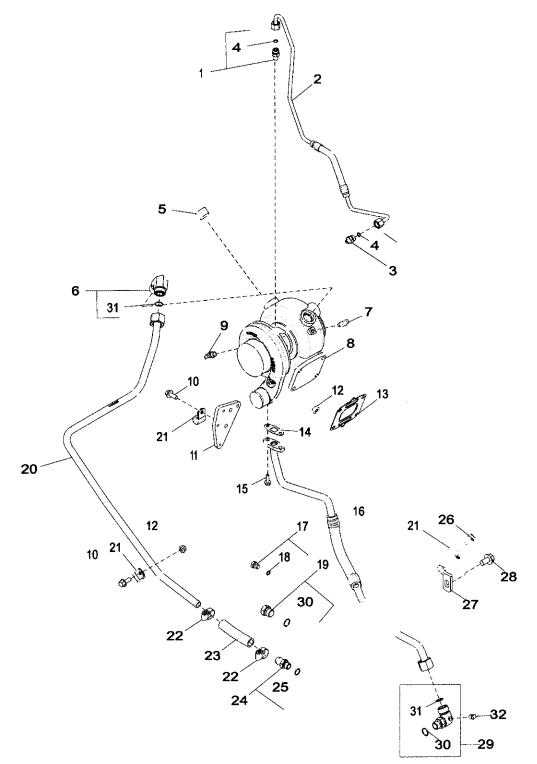
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RGP16994 A.1



65D6 Turbocharger 65D6 Turbocompresseur 65D6 Turbolader 65D6 Turbocompressore 65D6 Turbocompresor 65D6 Turbocaggregat

65D6\_RE547118\_PCD A.1

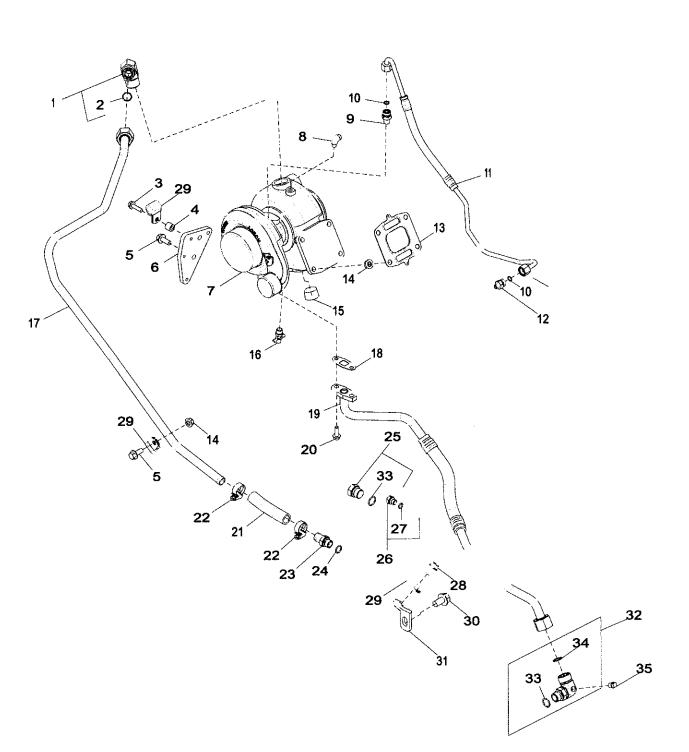


65D6\_RE547118\_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks	
1 2 3	M87733 RE546046 RE521531	Adapter Fitting Oil Line Adapter Fitting	1 1 1		ALSO ORDER R63548	<u></u>
4 5 6	R63548 15H562 RE523561	O-Ring Pipe Plug Elbow Fitting	2 2 1		1"	
7 8 9	R67364 SE502269 AT13740	Elbow Fitting Turbocharger Reman Drain Valve	1			
10 11 12	19M7785 R536950 14M7296	Screw Bracket Flange Nut	3 1 5		M10 X 25 M10	
13 14 15	RE549173 R123570 19M8367	Gasket Gasket Screw	1 1 2		M8 X 25	
16 17 18	RE546045 RE46686 51M7040	Oil Line Fitting O-Ring	1 1 1		9.300 X 2.200 mm	
19 20 21	RE46687 RE546044 R73291	Drain Plug Line Clamp	1 1 3			
20 21 22 23 24 25 26 27 28 29 30	RE65978 R524438 RE526374	Clamp Hose Hose Fitting	2 1 1			
25 26 <u>27</u>	51M7043 19M7784 RE540122	O-Ring Screw Bracket	1 1		15.300 X 2.200 mm M10 X 20	
	19M8672 RE540178 51M7045	Screw Elbow Fitting O-Ring	1 1 2		M14 X 25 19.300 X 2.200 mm	
31 32	T77858 15H604	O-Ring Pipe Plug	2 1		1/4"	· · · · · · · · · · · · · · · · · · ·

65M4 Turbocharger 65M4 Turbocompresseur 65M4 Turbolader 65M4 Turbocompressore 65M4 Turbocompresor 65M4 Turbocompresor 65M4 Turbocompresor

65M4\_RE555629\_PCD B.2



65M4\_RE555629\_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks	
1	RE523561 T77858	Elbow Fitting O-Ring	1		140 X 00	
<u>3</u> 4 5	19M7868 28H865 19M7785	<u>Screw</u> Bushing Screw	1 3		<u>M8 X 30</u> 0.423" X 0.675" X 9/16" M10 X 25	
6 7 8	R536950 RE539065 R67364	Bracket Turbocharger Reman Elbow Fitting	1		·····	
<u>9</u> 10	M87733 R63548	Adapter Fitting O-Ring	1		ALSO ORDER R63548	
11 12	RE538491 RE521531	Oil Line Adapter Fitting	1 1			······································
13 14 15	RE549173 14M7296 15H562	Gasket Flange Nut Pipe Plug	1 5 2		M10 1"	
16 17	AT13740 RE556422 R123570	Drain Valve Line Gasket	1			
18 19 20 21	RE540108 19M8367 R524438	Oil Line Screw Hose	1 2 1	sm. I	M8 X 25	
20 21 22 23 24	RE65978 R521324 51M7043	Clamp Fitting O-Ring	2 1 1		15.300 X 2.200 mm	
25 26 27	RE46687 RE46686 51M7040	Drain Plug Fitting O-Ring	1 1 1		9.300 X 2.200 mm	
28 29 30	19M7784 R73291 19M8672	Screw Clamp Screw	1 3 1		M10 X 20 M14 X 25	
31 32 33	RE540122 RE540178 51M7045	Bracket Elbow Fitting O-Ring	1 1 2		19.300 X 2.200 mm	
34 35	T77858 15H604	O-Ring Pipe Plug	1		1/4"	

6698

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6698-

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RGP16996 A.1

## 6698 Temperature Switch 6698 Contacteur thermostatique 6698 Temperaturschalter 6698 Termointerruttore 6698 Interruptor de temperatura 6698 Temperaturkontakt

6698\_RE500556\_PCD B.1



(ey	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
	15H584	Pipe Plug	1	(A)	1/2".
A) TEOFFO	hreads With Pre-A illetages avec prodi Sewinde mit voraufo illetti con sigillante Roscas con pasta si Bangor med redan	oplied Sealant uit d'étanchéité préappliq letragenem Dichtmittel preapplicato alladora preaplicada applicerat tätningsmedel	ué		

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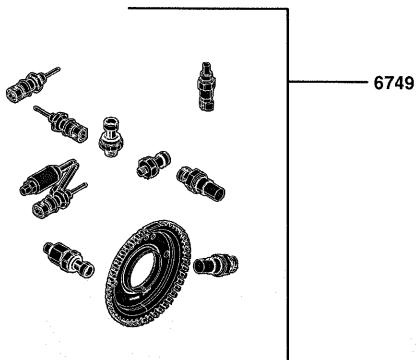
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Sectional Pictorial Index Index d'illustrations par sections. Gruppenbildindex Indice illustrato delle sezioni Indice de ilustraciones por secciones Avsnittsbildregister

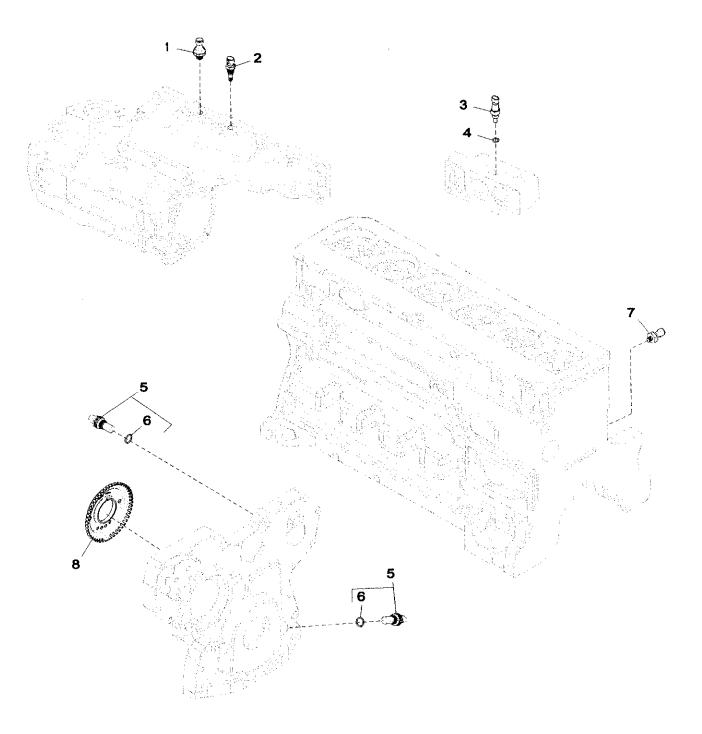
RGP16997 A.1

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6749 Engine Sensors 6749 Capteurs du moteur 6749 Motorsensoren 6749 Sensori motore 6749 Sensores de motor 6749 Motorsensorer

6749\_RE538501\_PCD C.1



6749\_RE538501\_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1 2 3	RE522723 RE525016 RE52722	Manifold Air Press. Senso Thermocouple Temperature Sensor	r 1 1 1	·····	
4 5 6	51M7041 RE519144 51M7044	O-Ring Sensor O-Ring	1 2 2	<u></u>	11.300 X 2.200 mm (B) 17.300 X 2.200 mm
7 8	RE167207 R517471	Sensor Wheel	1		8
	Pressure Sensor Capteur de pression		(B) Magnetic Pick-U		(C) Crank Shaft Timing

Capteur de pression Drucksensor Sensore di pressione Sensor de presión Tryckgivare

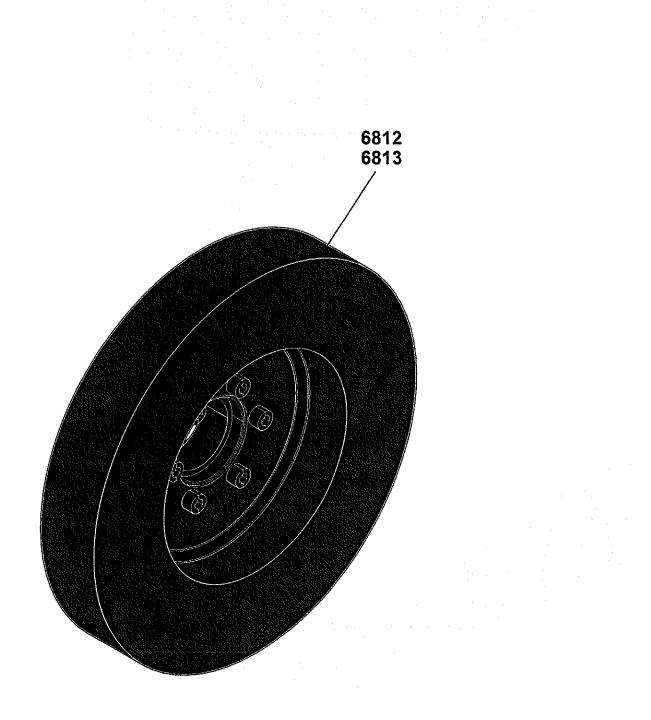
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Capteur magnétique Sensor mit magnetischem Geber Sensore rilevatore magnetico Sensor de recogedor magnético Magnetisk pickupgivare

Distribution de vilebrequin Kurbelwelleneinstellung Fasatura albero a gomiti Sincronización del cigüeñal Vevaxel, tidsinställning

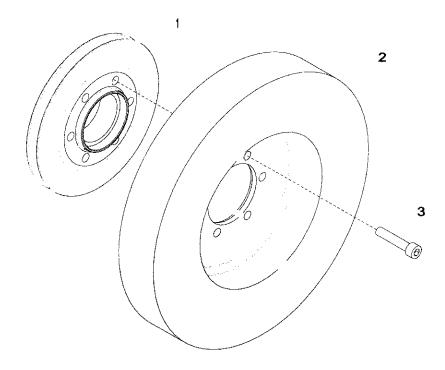
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6812-6813282 284



6812 Damper 6812 Amortisseur 6812 Schwingungsdämpfer 6812 Ammortizzatore 6812 Amortiguador 6812 Dämpare

6812\_RE527895\_PCD A.1



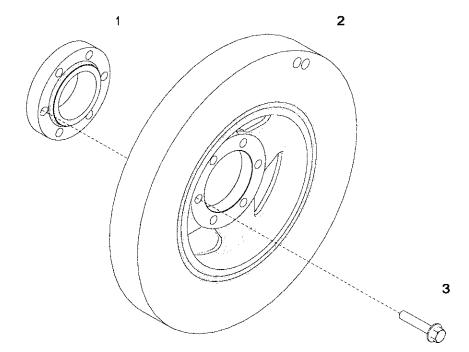
6812\_RE527895\_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1 R 2 R 3 1	522560 E528010 9M8853	Pulley Torsional Damper Screw	1 1 6	,,,	M10 X 50
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6813 Damper Assembly 6813 Amortisseur 6813 Schwingungsdämpfer-Baugruppe 6813 Gruppo antivibratore 6813 Conjunto de amortiguador 6813 Dämpare

6813\_RE533440\_PCD A.1



## 6813\_RE533440\_PCD

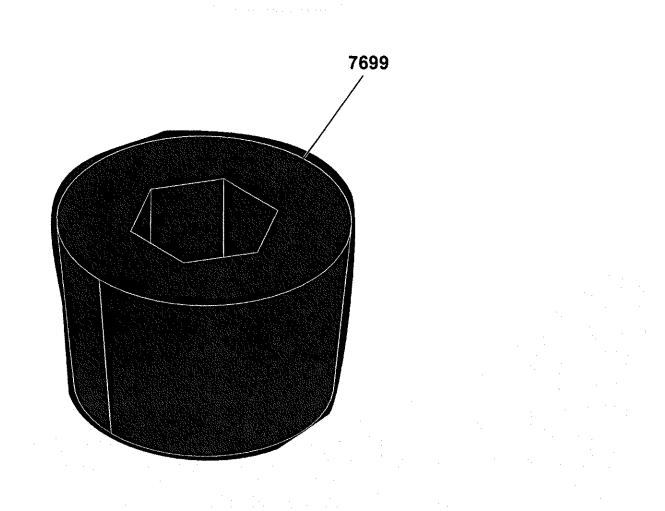
			Qty. S			
	R534085 RE530331 19M8292	Adapter Torsional Damper Screw	1		DR R526294)	
}	19M8292	Screw		M10 X 5	i0	
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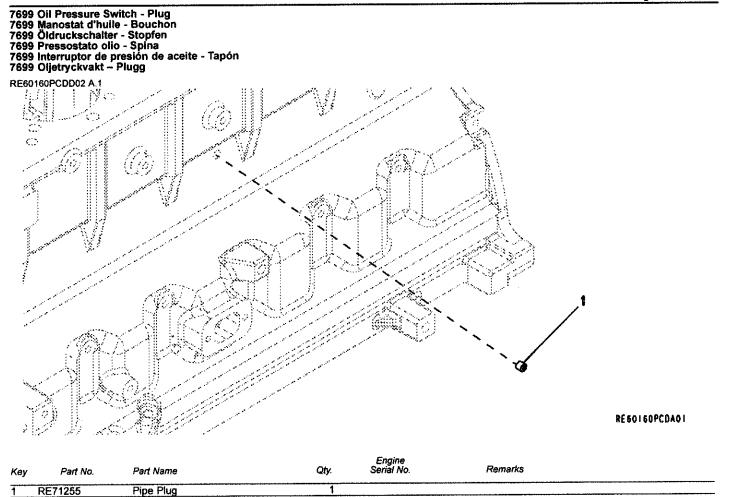
7699-

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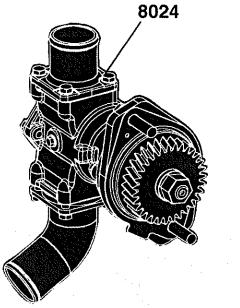


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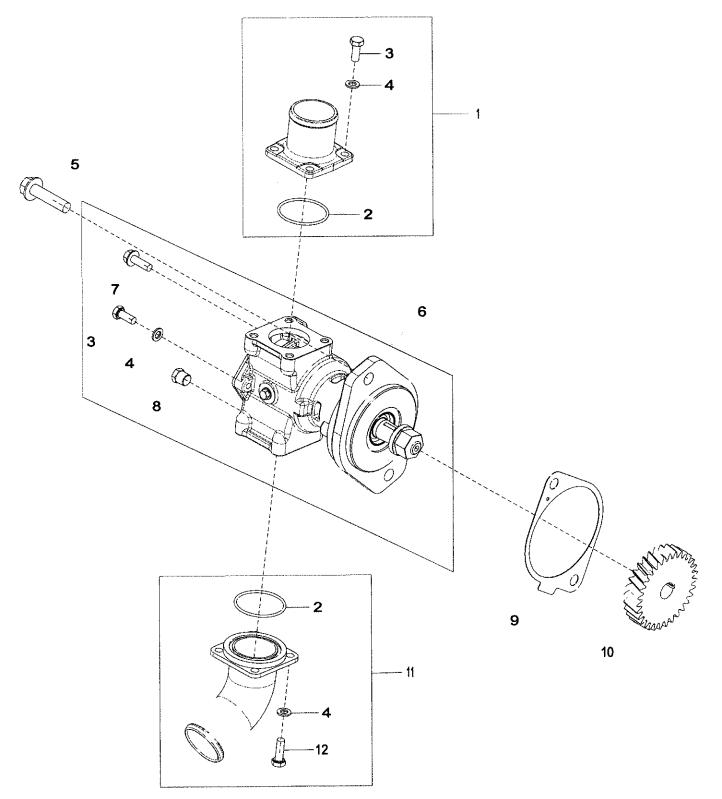
RGP17000 A.1

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8024 Sea Water Pump 8024 Pompe à eau de mer 8024 Seewasserpumpe 8024 Pompa dell'acqua di mare 8024 Bomba de agua de mar 8024 Havsvattenpump

8024\_RE535914\_PCD B.1



8024\_RE535914\_PCD

Кеу	Part No.	Part Name	Qty.	Engine Serial No.	Remarks	
1	RE538665	Adapter	1			······
3	U42111 19M9962	O-Rìng Screw	27		M8 X 20	
4 5 6	24M7537 19M8306 RE538663	Washer Screw Water Pump	11 2 1		8.400 X 15 X 1.600 mm M12 X 50	
7 8 9	19M7867 H26723 R522690	Screw Drain Plug Gasket	4 2 1		M8 X 25	
10 11 12	R135101 RE538664 19M9963	Gear Adapter Kit Screw	1		M8 X 25	
 	RE49896 RE540391	Impeller Kit Pump Repair Kit	1		(A)	

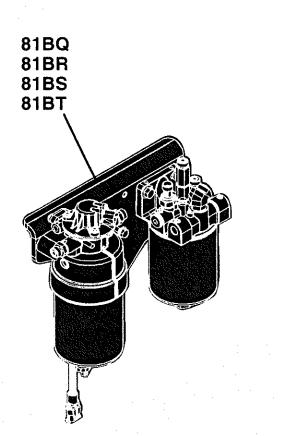
(A) Water Pump Major Repair Réparation importante de pompe à eau Wasserpumpen-Grundreparatur Riparazione radicale pompa acqua Reparación mayor de bomba de agua Storre reparation för vattenpump

8100 Primary Fuel Filter 6068AFM85

81BQ-	294
81BR-	296
81BS-	298
81BT-	300

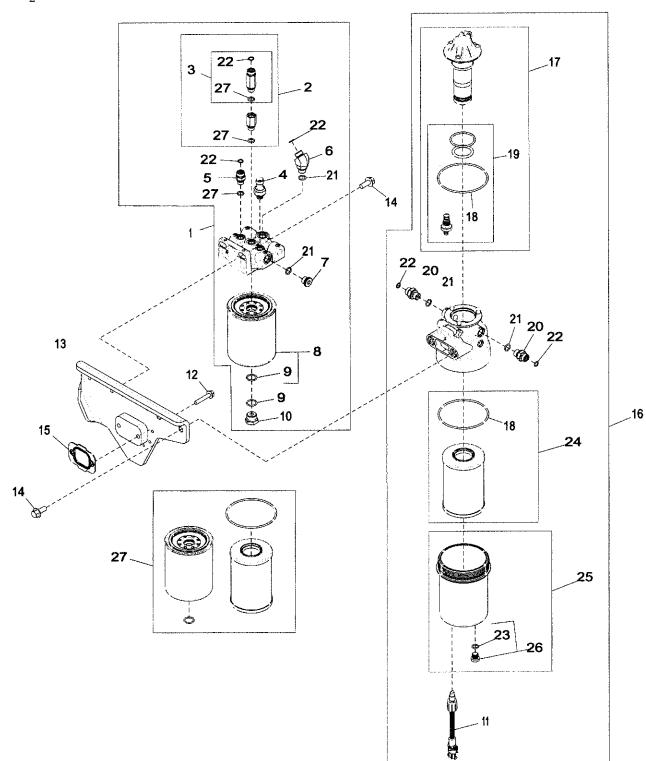
Sectional Pictorial Index Index d'illustrations par sections. Gruppenbildindex Indice illustrato delle sezioni Indice de ilustraciones por secciones Avsnittsbildregister

RGP17001 A.1



81BQ Primary Fuel Filter 81BQ Filtre à carburant primaire 81BQ Kraftstoffgrobfilter 81BQ Filtro principale del combustibile 81BQ Filtro primario de combustible 81BQ Primărbrănslefilter

81BQ\_RE555550\_PCD C.2



81BQ\_RE555550\_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks	
1 2 3	RE527960 RE528864 RE528864	Filter Bleed Valve Bleed Valve	1			
4 5 6	RE522794 38H5002 38H5154	Sensor Adapter Fitting Elbow Fitting	1 1 1		(C) ALSO ORDER 51M7095 AND R63548 ALSO ORDER 51M7096 AND R63548	
7 8 9	T122803 R47151	Fitting Plug Filter Element O-Ring	1 1 2		ALSO ORDER 51M7096 ORDER RE527961; INCLUDES R47151	
10 11 12	R27474 RE532949 RE67239	Drain Plug Sensor Screw	1 1 2		ALSO ORDER R47151 (A)	<u> </u>
13 14 15 16 17	RE540500 19M7785 R528039	Bracket Screw Gasket	1 4 1		M10 X 25	
18	RE542084 RE539764 R522921	Fuel Filter Fuel Pump O-Ring	1 1 2			
19 20 21	RE523784 38H5037 51M7096	Seal Kit Adapter Fitting O-Ring	1 2 4		ALSO ORDER 51M7096 AND R63548 13.300 X 2.200 mm	
22 23 24	R63548 51M7095 RE525523	O-Ring O-Ring Filter Element	5 4 1		11.300 X 2.200 mm SUB FOR RE520906	
24 25 26 27	RE527972 RE522144 RE527961	Filter Drain Plug Fuel Filter	1 1 1		(B)	

(A) Water in Fuel Sensor Capteur de présence d'eau dans le carburant Sensor für Wasser im Kraftstoff Sensore condensa nel carburante Sensor de agua en combustible Sensor för vätten i bränslet

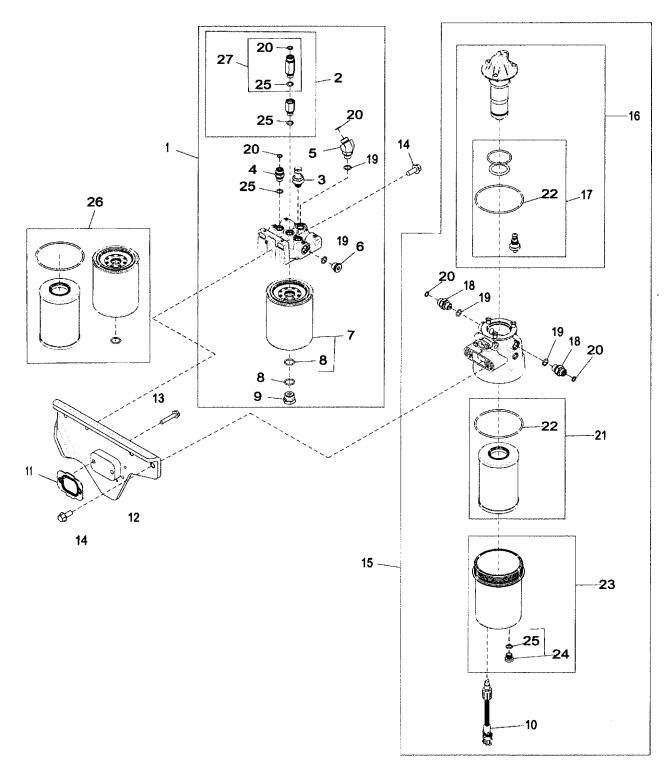
(B) Includes Primary and Final Filter Element Inclut les éléments filtrants de filtre à carburant primaire et final Einschließlich Kraftstoff-Vorfilter- und -Hauptfiltereinsatz Include elemento del filtro principale e finale

finale Incluye elementos de filtros primario y final Inkluderar primär- och slutfilterelement (C) Pressure Sensor Capteur de pression Drucksensor Sensore di pressione Sensor de presión Tryckgivare

PC11936 (H.1) ST747004(F.1) PowerTech™ Plus 6.8L 6068AFM85 Diesel OEM Marine (Tier 3 Engine)

81BR Primary Fuel Filter 81BR Filtre à carburant primaire 81BR Kraftstoffgrobfilter 81BR Filtro principale del combustibile 81BR Filtro primario de combustible 81BR Primärbränslefilter

81BR\_RE555632\_PCD E.1



81BR\_RE555632\_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks	
1 2 3	RE527960 RE528864 RE522794	Filter Bleed Valve Sensor	1		(C)	
4 5 6	38H5002 38H5154 T122803	Adapter Fitting Elbow Fitting Fitting Plug	1 1 1		ALSO ORDER 51M7095 AND R63548 ALSO ORDER 51M7096 AND R63548 ALSO ORDER 51M7096	
7 8 9	R47151 R27474	Filter Element O-Ring Drain Plug	1 2 1		ORDER RE527961; INCLUDES R47151 ALSO ORDER R47151	
10 11 12	RE532949 R528039 RE540500	Sensor Gasket Bracket	1		(A)	
12 13 14 15 16	RE67239 19M7785 RE542083	Screw Screw Fuel Filter	2 4 11		M10 X 25	
17 18	RE539761 RE523784 38H5037	Fuel Pump Seal Kit Adapter Fitting	1 1 2		ALSO ORDER 51M7096 AND R63548	
19 20 21	51M7096 R63548 RE525523	O-Ring O-Ring Filter Element	4 5 1		13.300 X 2.200 mm SUB FOR RE520906	
22 23 24	R522921 RE527972 RE522144	O-Ring Filter Drain Plug	2 1 1			
25 26 27	51M7095 RE527961 RE528864	O-Ring Fuel Filter Bleed Valve	4 1 1	<u></u>	11.300 X 2.200 mm (B)	

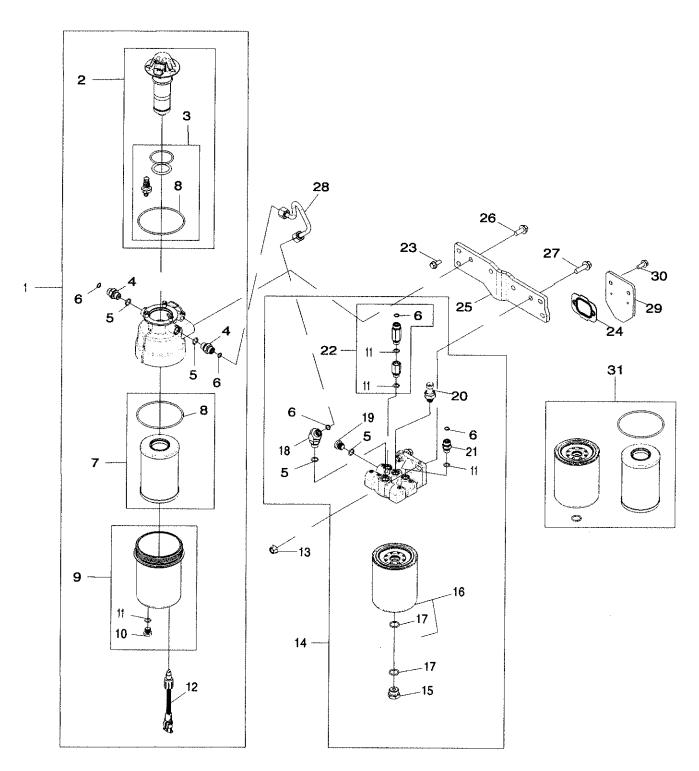
(A) Water in Fuel Sensor Capteur de présence d'eau dans le carburant Sensor für Wasser im Kraftstoff Sensore condensa nel carburante Sensor de agua en combustible Sensor för vatten i bränslet

(B) Includes Primary and Final Filter Element Inclut les éléments filtrants de filtre à carburant primaire et final Einschließlich Kraftstoff-Vorfilter- und -Hauptfiltereinsatz Include elemento del filtro principale e finale finale Incluye elementos de filtros primario y final Inkluderar primär- och slutfilterelement (C) Pressure Sensor Capteur de pression Drucksensor Sensore di pressione Sensor de presión Tryckgivare

PowerTech™ Plus 6.8L 6068AFM85 Diesel OEM Marine (Tier 3 Engine) PC11936 (H.1) \$T747060(I.1)



- 81BS Primary Fuel Filter 81BS Filtre à carburant primaire 81BS Kraftstoffgrobfilter 81BS Filtro principale del combustibile 81BS Filtro primario de combustibile 81BS Primärbränslefilter
- 81BS A.1



## 81BS\_RE555303A\_PCD

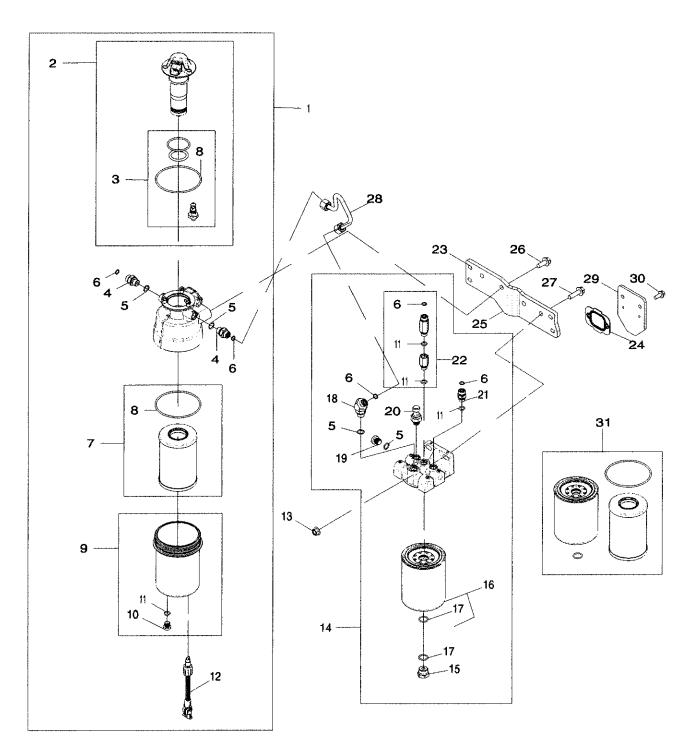
Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks	
1 2 3	RE542083 RE539761 RE523784	Fuel Filter Fuel Pump Seal Kit	1			
4 5 6	38H5037 51M7096 R63548	Adapter Fitting O-Ring O-Ring	2 4 5		ALSO ORDER 51M7096 AND R63548 13.300 X 2.200 mm	
7 8 9	R522921 RE527972	Filter Element O-Ring Filter	1		ORDER RE527961; INCLUDES R522921	
10 11 12	RE522144 51M7095 RE532949	Drain Plug O-Ring Sensor	1 4 1		11.300 X 2.200 mm (A)	
13 14 15	14M7296 RE527960 R27474	Flange Nut Filter Drain Plug	2 1 1		M10	
16 17 18	R47151 38H5154	Filter Element O-Ring Elbow Fitting	1 1 1		ORDER RE527961; INCLUDES R47151 ALSO ORDER 51M7096 AND R63548	
19 20 21	T122803 RE522794 38H5002	Fitting Plug Sensor Adapter Fitting	1 1 1		ALSO ORDER 51M7096 ALSO ORDER 51M7095 AND R63548	
22 23 24 25 26 27	RE528864 19M7866 R528039	Bleed Valve Screw Gasket	1 4 1		M8 X 20	
25 26 27	R536946 19M7785 19M7835	Bracket Screw Screw	1 2 2		M10 X 25 M10 X 35	
28 29 30	RE555304 R529027 RE67238	Fuel Line Plate Screw	1 1 2			
31	RE527961	Fuel Filter	1		(B)	

(A) Water in Fuel Sensor Capteur de présence d'eau dans le carburant Sensor für Wasser im Kraftstoff Sensore condensa nel carburante Sensor de agua en combustible Sensor för vatten i bränslet

(B) Includes Primary and Final Filter Element Inclut les éléments filtrants de filtre à carburant primaire et final Einschließlich Kraftstoff-Vorfilter- und -Hauptfiltereinsatz Include elemento del filtro principale e finale Incluye elementos de filtros primario y final Inkluderar primăr- och slutfilterelement

- 81BT Primary Fuel Filter 81BT Filtre à carburant primaire 81BT Kraftstoffgrobfilter 81BT Filtro principale del combustibile 81BT Filtro primario de combustible 81BT Primärbränslefilter

81BT A.1



# 81BT\_RE555913A\_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1 2 3	RE542083 RE539761 RE523784	Fuel Filter Fuel Pump Seal Kit	1		антан калан калан калан калар тарын калар тарар калар тарар калан калан калан калан калар калар калан калар ка Тарар
4 5 6	38H5037 51M7096 R63548	Adapter Fitting O-Ring O-Ring	2 4 5		ALSO ORDER 51M7096 AND R63548 13.300 X 2.200 mm
7 8 9	R522921 RE527972	Filter Element O-Ring Filter	1 1 1		ORDER RE527961; INCLUDES R522921
10 11 12	RE522144 51M7095 RE532949	Drain Plug O-Ring Sensor	1 4 1		11.300 X 2.200 mm (A)
13 14 15	14M7296 RE527960 R27474	Flange Nut Filter Drain Plug	2 1 1		M10
16 17 18	R47151 38H5154	Filter Element O-Ring Elbow Fitting	1 1 1		ORDER RE527961; INCLUDES R47151 ALSO ORDER 51M7096 AND R63548
19 20 21 22 23	T122803 RE522794 38H5002	Fitting Plug Sensor Adapter Fitting	1 1 1		ALSO ORDER 51M7096 ALSO ORDER 51M7095 AND R63548
22 23 <u>24</u>	RE528864 19M7866 R528039	Bleed Valve Screw Gasket	1 4 1		(C) M8 X 20
24 25 26 27 28 29 30	R536946 19M7785 19M7835	Bracket Screw Screw	1 2 2		M10 X 25 M10 X 35
	RE555304 R529027 RE67238	Fuel Line Plate Screw	1		
<u>31</u>	RE527961	Fuel Filter	1		(B)

(A) Water in Fuel Sensor Capteur de présence d'eau dans le carburant Sensor für Wasser im Kraftstoff Sensore condensa nel carburante Sensor de agua en combustible Sensor för vatten i bränslet

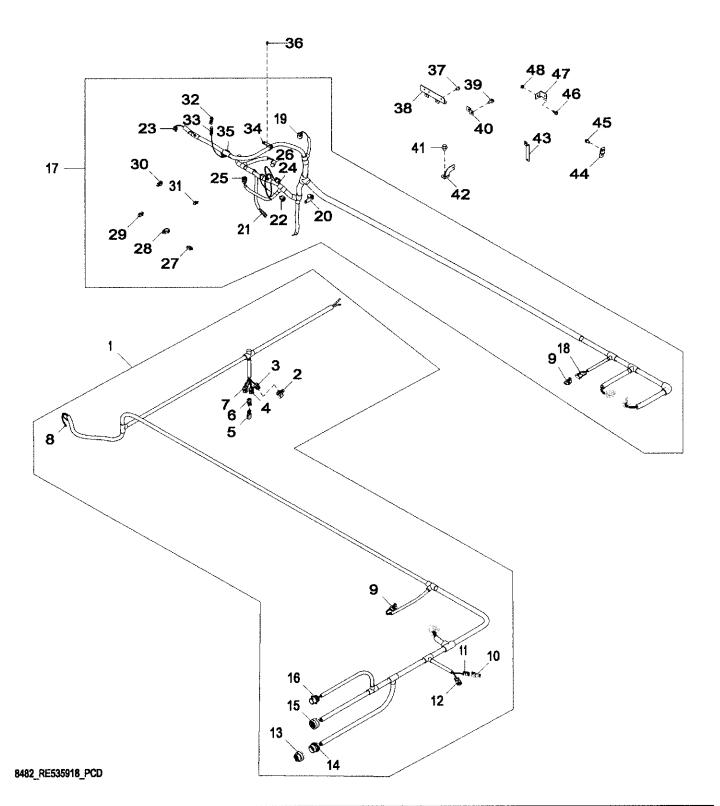
(B) Includes Primary and Final Filter Element Inclut les éléments filtrants de filtre à carburant primaire et final Einschließlich Kraftstoff-Vorfilter- und -Hauptfiltereinsatz Include elemento del filtro principale e finale Incluye elementos de filtros primario y final Inkluderar primăr- och slutfilterelement

(C) For Bracket Pour support Für Halterung Per staffa para soporte För fäste

8400 Wiring Harness 6068AFM85 Sectional Pictorial Index Index d'illustrations par sections. Gruppenbildindex Indice Illustrato delle sezioni Indice de Ilustraciones por secciones Avsnittsbildregister 8482-304 8483 306 RGP17002 A.1 8482 8483

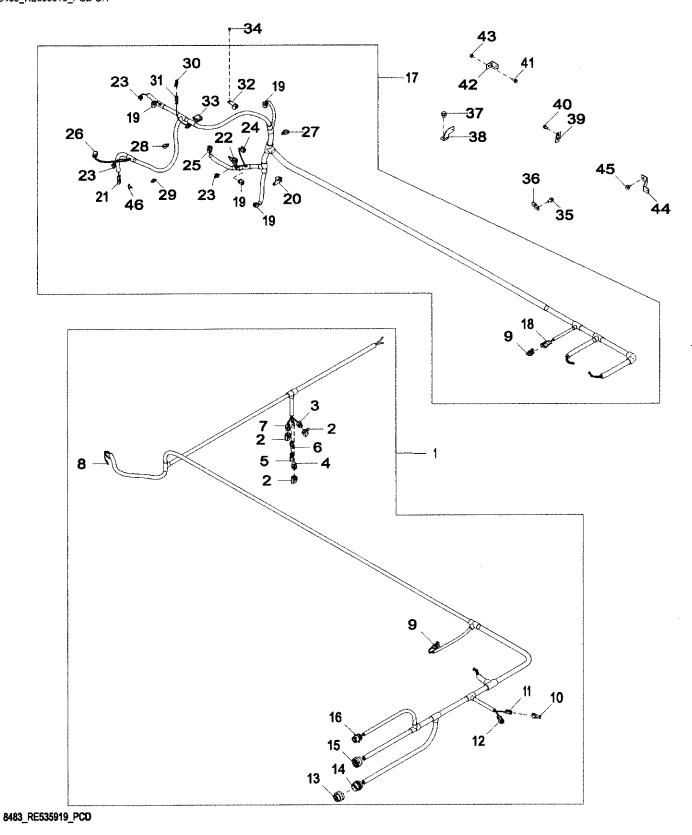
- 8482 Engine Wiring Harness 8482 Faisceau de fils de moteur 8482 Motorkabelbaum 8482 Cavo elettrico motore 8482 Grupo de cables de motor 8482 Motorns kabelhärva

8482\_RE535918\_PCD B.4



Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks	
1 2 3	RE536602 57M8487 57M8267	Wiring Harness Electrical Connector Cap Elec. Connector Housing	1 3 1			······································
4 5 6	57M8600 R78053 RE12363	Elec. Connector Housing Electrical Connector Assy Elec. Connector Terminal	1			<u> + + = = = = = = = = = = = = </u>
7 8 9	R104570 57M7547 57M7280	Electrical Connector Assy Elec. Connector Terminal Elec. Connector Housing	1 2 1			
10 11 12	57M8131 57M8637 57M7304	Electronic Terminator Elec. Connector Housing Elec. Connector Housing	1 1 1			
13 14 15	57M7749 57M7750 57M8112	Electrical Connector Assy Elec. Connector Housing Elec. Connector Housing	1 1 1			
16 17 18	57M7919 RE535893 57M7305	Elec. Connector Housing Wiring Harness Elec. Connector Housing	1 1 1			
19 20 21	57M8601 57M8827 57M7256	Elec. Connector Housing Clamp Elec. Connector Housing	4 1 1			
22 23 24	57M8400 57M8625 57M8403	Electrical Connector Assy Elec. Connector Housing Elec. Connector Housing	1 3 1			
25 26 27 28 29 30	57M8407 57M8634 57M9244	Elec. Connector Housing Elec. Connector Housing Clip	1			
	57M9247 57M9243 57M9245	Clip Clip Clip Clip	1 2 3			<b>Managa a tao kaona a da ana ana ana ana ana ana ana ana </b>
31 32 33	RE258807 RE12362 R78052	Tie Band Electrical Connector Assy Electrical Connector Assy	1 1 1			······································
34 35 36 37	57M8824 57M8636 37M7089	Elec. Connector Accessory Elec. Connector Housing Screw	2 1 4		M6 X 12	
38 39	RE524730 R529541 1997784	Cap Screw Bracket Screw	3 1 1		M10 X 20	
40 41 42	R529540 19M8242 R529539	Bracket Screw Bracket	1		M12 X 16	
43 44 45	R529583 R522924 19M7865 19M7866	Bracket Bracket Screw Screw	1	······	<u>M8 X 16</u> M8 X 20	
46 47 48	R529538 14M7298	Bracket Flange Nut	1		M8 X 20 M8	

- 8483 Engine Wiring Harness 8483 Faisceau de fils de moteur 8483 Motorkabelbaum 8483 Cavo elettrico motore 8483 Grupo de cables de motor 8483 Motorns kabelhärva
- 8483\_RE535919\_PCD C.1



Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks	
1 2 3	RE536602 57M8487 57M8267	Wiring Harness Electrical Connector Cap Elec. Connector Housing	1 3 1		Wennessen	
4 5 6	57M8600 R78053 RE12363	Elec. Connector Housing Electrical Connector Assy Elec. Connector Terminal	1 1 1			
7 8 9	R104570 57M7547 57M7280	Electrical Connector Assy Elec. Connector Terminal Elec. Connector Housing	1 2 2	un all <u></u>		
10 11 12	57M8131 57M8637 57M7304	Electronic Terminator Elec. Connector Housing Elec. Connector Housing	1 1 1	<u></u>		
13 14 15	57M7749 57M7750 57M8112	Electrical Connector Assy Elec. Connector Housing Elec. Connector Housing	1			
16 17 18	57M7919 RE535894 57M7305	Elec. Connector Housing Wiring Hamess Elec. Connector Housing	1			
19 20 21	57M8601 57M8827 57M7256	Elec. Connector Housing Clamp Elec. Connector Housing	4 1 1			
22 23 24	57M8400 57M8625 57M8403	Electrical Connector Assy Elec. Connector Housing Elec. Connector Housing	1 3 1		A THE REPORT OF A THE CONTRACT OF A THE	
25 26 27	57M8407 57M8634 57M9247	Elec. Connector Housing Elec. Connector Housing Clip	1 1 1		***************************************	
28 29 30	57M9245 RE258807 RE12362	Clip Tie Band Electrical Connector Assy	4 2 1			
31 32 33	R78052 57M8824 57M8636	Electrical Connector Assy Elec. Connector Accessory Elec. Connector Housing	1 2 1		· · · · · · · · · · · · · · · · · · ·	<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>
34 35 36 37	37M7089 19M7784 R529540	Screw Screw Bracket	4 1 1		M6 X 12 M10 X 20	
38 <u>39</u>	19M8242 R529539 R522924	Screw Bracket Bracket	1 1		M12 X 16	
40 41 42	19M7865 19M7866 R529538	Screw Screw Bracket	1		M8 X 16 M8 X 20	
43 44 <u>45</u>	14M7298 R529542 19M7783	Flange Nut Bracket Screw	1		M8 M10 X 16	
46	57M8910	Clip	1			

8701-

310

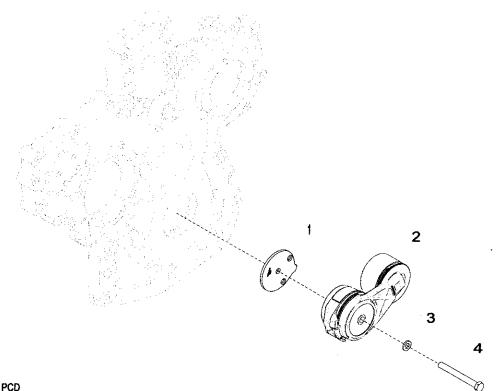
Sectional Pictorial Index Index d'illustrations par sections. Gruppenbildindex Indice illustrato delle sezioni Indice de ilustraciones por secciones Avsnittsbildregister

RGP17003 A.1

8701

- 8701 Automatic Belt Tensioner 8701 Tendeur de courroie automatique 8701 Automatische Riemenspannvorrichtung 8701 Tendicinghia automatico 8701 Tensor de correa automático 8701 Automatisk remspännare

- 8701\_RE59701\_PCD A.1

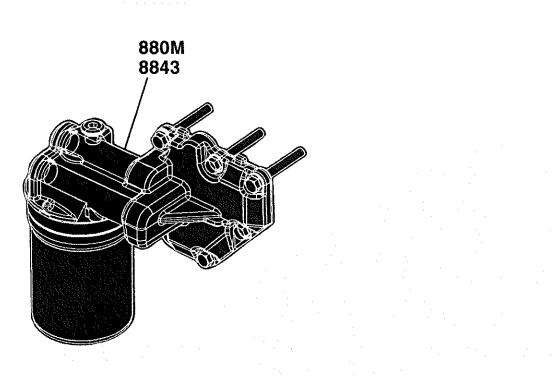


8701\_RE59701\_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.		Remarks
1 2 3	R518210 RE548027 24M7106	Spacer Belt Tensioner Washer	1		SUB FOR 10 X 18 X	RE518097 2.500 mm
4	19M8183	Cap Screw	1		M10 X 90	
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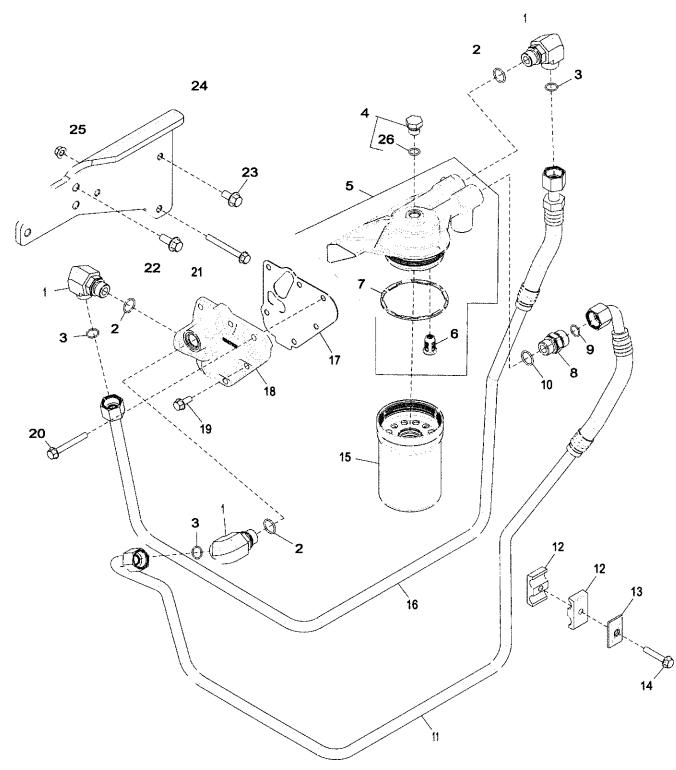
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RGP17004 A.1



880M Engine Oil Filter 880M Filtre à huile moteur 880M Motorölfilter 880M Filtro olio motore 880M Filtro de aceite de motor 880M Motoroljefilter

880M\_RE548155\_PCD B.1

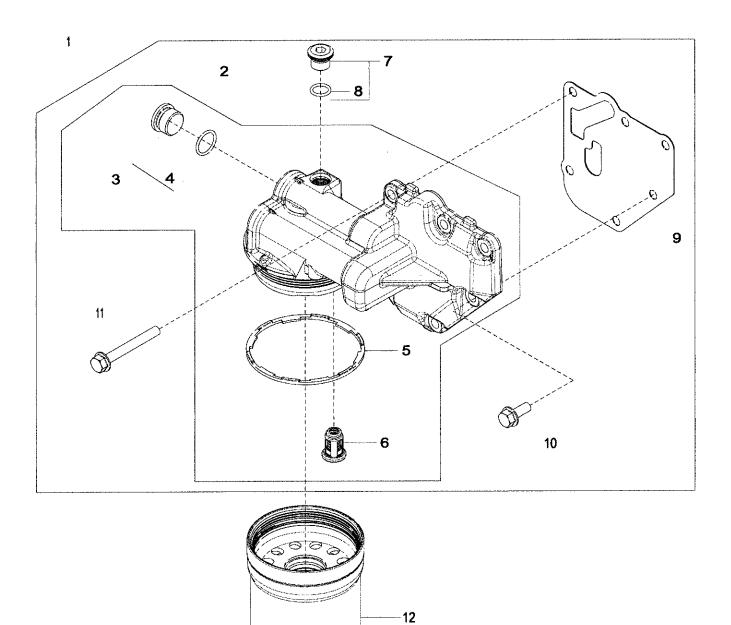


880M\_RE548155\_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks	
1 2 3	38H5018 51M7045 T77932	Elbow Fitting O-Ring O-Ring	3 4 4		19.300 X 2.200 mm	annan an an Arthur an Arthuran
4 5 6	RE46716 RE505216 RE504543	Fitting Filter Head Valve	1			
7 8 9	R502513 38H5004 T77932	Seal Adapter Fitting O-Ring	1 1 1			
10 11 <u>12</u>	51M7045 RE550489 H120847	O-Ring Oil Line Clamp	1 1 2		19.300 X 2.200 mm SUB FOR RE535750	
13 14 <u>15</u>	H121168 19M7799 RE504836	Plate Screw Oil Filter	1		M8 X 45	
16 17 18	RE550490 R527356 R527321	Oil Line Gasket Adapter	1 1 1		SUB FOR RE535751	
19 20 21 22 23 24	RE67238 19M7802 19M8874	Screw Screw Screw	1 5 1		M8 X 65 M8 X 75	
22 23 24	19M7785 19M7784 R528095	Screw Screw Bracket	3 2 1		M10 X 25 M10 X 20	
25 26	14M7298 51M7042	Flange Nut O-Ring	1		M8 13.300 X 2.200 mm	

8843 Engine Oil Filter 8843 Filtre à huile moteur 8843 Motorölfilter 8843 Filtro olio motore 8843 Filtro de aceite de motor 8843 Motoroljefilter

8843\_RE508950\_PCD C.1



Key	Part No.	Part Name	Qty.	Engine Serial No	0.	Remarks				
1 2 3	RE508987 RE504564 RE505232	Filter Head Filter Head Fitting	1 1 2	<u> </u>	MARKE	D R502505				
4 5 6	51M7045 R502513 RE504543	O-Ring Seal Valve	2		19.300 X (B)	( 2.200 mm			<u>-</u>	
7 8 9	RE52242 51M7042 R500374	Drain Plug O-Ring Gasket				( 2.200 mm	<u> </u>			
10 11 12	RE67238 19M7802 RE504836	Screw Screw Oil Filter	1 5 1		(A) M8 X 65 SUB FO	R RE541420				
(A) T F F F C	hreads With Pre- iletages avec pro Sewinde mit vorau iletti con sigillant Roscas con pasta Sangor med reda	Applied Sealant duit d'étanchéité préappliqué ufgetragenem Dichtmittel e preapplicato selladora preaplicada n applicerat tätningsmedel			By Pass By-pass Umgehung Bypass Derivación By Pass		· . · . · .	·····		
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Sectional Pictorial Index Index d'illustrations par sections. Gruppenbildindex Indice illustrato delle sezioni Indice de ilustraciones por secciones Avsnittsbildregister

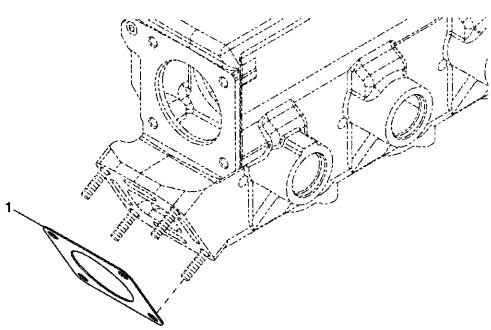
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9100 Engine Installation Kit 6068AFM85

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9	116-	320
- 9	17W-	322
.  9	17Y-	324

9116 Turbocharger Gasket Kit 9116 Kit de joints de turbocompresseur 9116 Turbolader-Dichtungssatz 9116 Kit guarnizioni turbocompressore 9116 Juego de juntas de turbocompresor 9116 Packningssats för turboaggregat

CDP47405 A.1

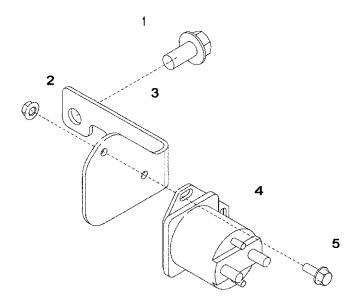


### CDP47405

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
<u>1                                     </u>	151881	Gasket			

- 917W Starter Relay 917W Relais de démarreur 917W Anlasserrelais 917W Relè motorino avviamento 917W Relé de arrancador 917W Startmotorrelä

917W\_RE541570\_PCD B.6

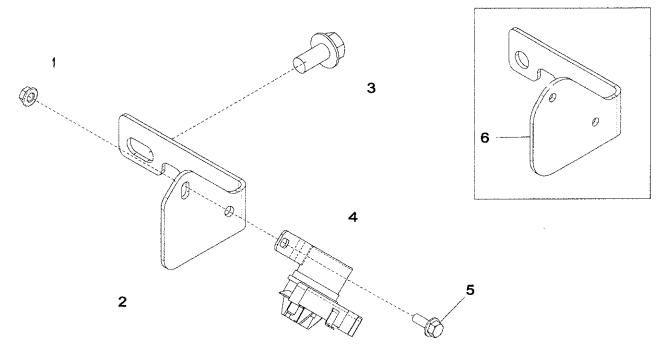


917W\_RE541570\_PCD

Key	Part No.	Part Name	En Qty. Sen	igine ial No.	Remarks
1 2 3	19M7788 14M7303 R532134 AL153172 19M7775	Screw Flange Nut Bracket	2 2 1	M12 X 2 M6	5
4	AL153172	Relay Screw	1 2	12V M6 X 16	
5	1911///5	Screw	<b>Ł</b>	M6 X 16	
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#### 917Y Starter Relay 917Y Relais de démarreur 917Y Anlasserrelais 917Y Relè motorino avviamento 917Y Relè de arrancador 917Y Relé de arrancador 917Y Startmotorrelà

917Y\_RE541753\_PCD C.1



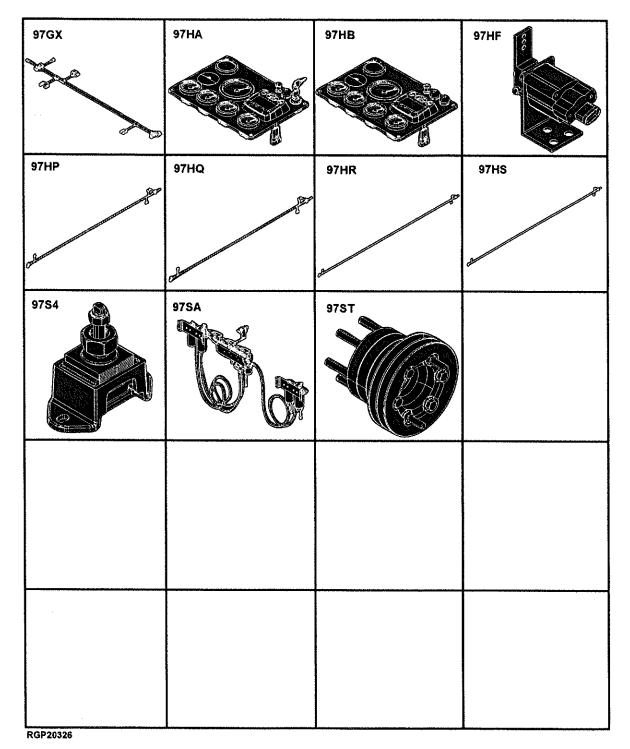
917Y\_RE541753\_PCD

Key	Part No.	Part Name	Engine Qty. Serial No. Remarks
1 2 3	14M7303 R532134 19M7788	Flange Nut Bracket	2 M6 1 2 M42 X 25
4 5 6	AT145341 19M7775 R526125	Screw Relay Screw Bracket	2 M12 X 25 1 24 V 2 M6 X 16 1 ORDER R532134
456	AI 145341 19M7775 R526125	Relay Screw Bracket	1 2 24 6 0 0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1

9700 Field Installed Kits 6068AFM85

Sectional Pictorial Index Index d'illustrations par sections. Gruppenbildindex Indice illustrato delle sezioni Indice de ilustraciones por secciones Avsnittsbildregister

RGP20326 A.1



97HP-

97HQ-

97HR-

97HS-

97SA-

97ST-

97S4-

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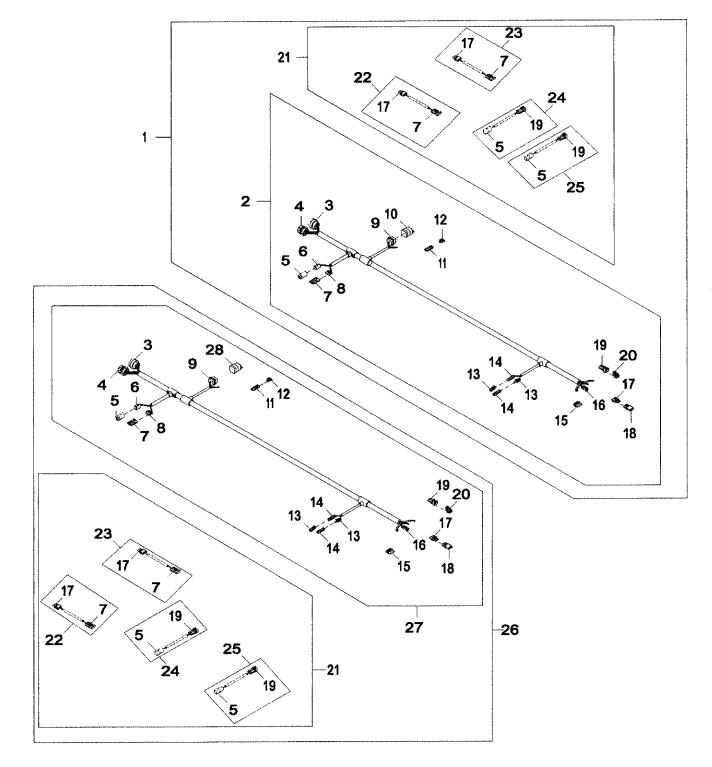
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348

327

97GX Harness Kit 97GX Kit faisceau 97GX Kabelbaumsatz 97GX Kit fascio cavi 97GX Juego de grupo de cables 97GX Sats med kabelknippa

97GX\_RE544624\_PCD A.1

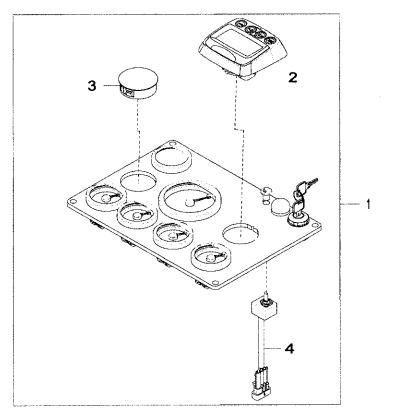


## 97GX\_RE544624\_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks	
1 2 3	RE543998 RE541380 57M7749	Harness Kit Wiring Harness Electrical Connector Assy	1 1 1		12 V	
4 5 6	57M8113 57M8578 57M8126	Electrical Connector Assy Elec. Connector Housing Electrical Connector Assy	1 1 1			
7 8 9	57M8415 57M8416 57M8268	Elec. Connector Housing Elec. Connector Housing Elec. Connector Housing	1 1 1			
10 11 12	RE52665 57M7256 57M7254	Relay Elec. Connector Housing Elec. Connector Housing	1 1 1		12 V	
13 14 15	RE12362 R78052 57M7808	Electrical Connector Assy Electrical Connector Assy Elec. Connector Housing	2 2 1			
16 17 18	57M7756 RE12364 R78054	Electrical Connector Assy Electrical Connector Assy Electrical Connector Assy	1 1 1			
19 20 21	57M7263 57M7260 RE534580	Elec. Connector Housing Elec. Connector Housing Hamess Kit	1 1 1			
21 22 23 24	RE534585 RE534586 RE534587	Wiring Hamess Wiring Hamess Wiring Hamess	1			
25 26 27	RE534588 RE543999 RE541381	Wiring Harness Harness Kit Wiring Harness	1		24 ∨	
28	RE505214	Relay Module	1			

97HA Instrument Panel 97HA Tableau de bord 97HA Armaturenwand 97HA Pannello strumenti 97HA Tablero de instrumentos 97HA Instrumentpanel

97HA\_RE546378\_PCD A.1

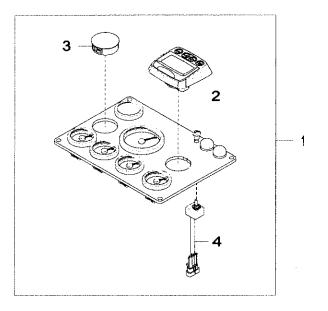


97HA\_RE546378\_PCD

1 2 3	RE555597 RE555553 R130486	Instrument Panel Gauge Plug	1	
4	AT340550	Potentiometer		
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97HB\_RE546379\_PCD A.1



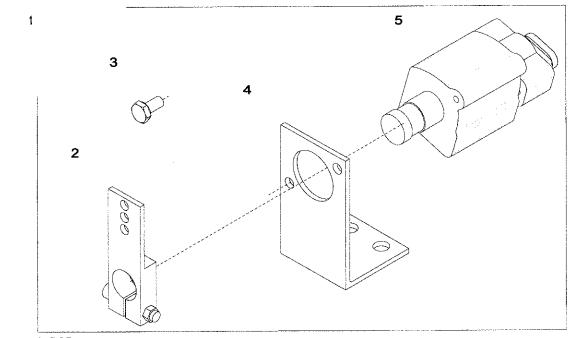
## 97HB\_RE546379\_PCD

 RE555598	Instrument Panel	Qty. 1	Engine Serial No.	Remarks	
RE555598 RE555553 R130486	Instrument Panel Gauge Plug	1			
 AT340550	Potentiometer	1			· · · · · · · · · · · · · · · · · · ·
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97HF Electronic Throttle Control Kit 97HF Kit de commande d'accélérateur électronique 97HF Elektronischer Gasbedienungssatz 97HF Kit di comando acceleratore elettronico 97HF Juego de control electrónico de acelerador 97HF Sats med elektroniskt gasreglage

97HF\_RE546276\_PCD A.1



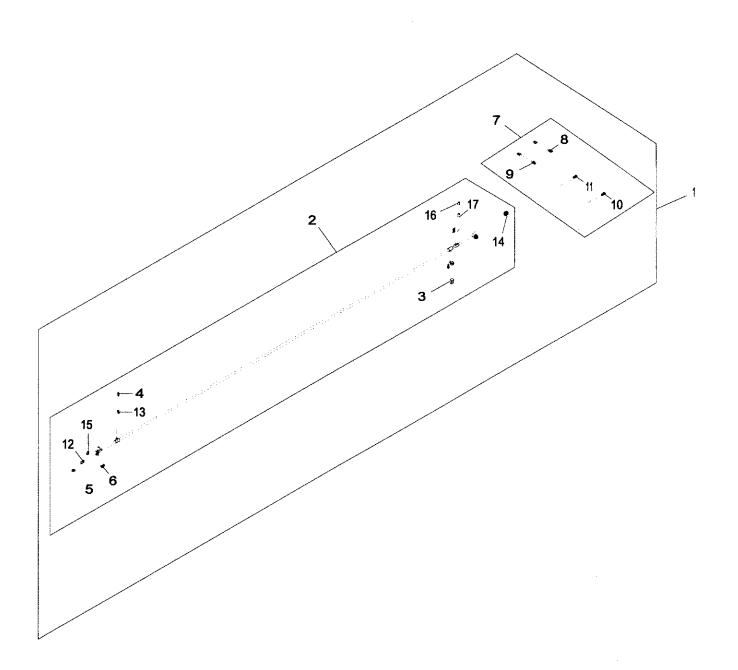
97HF\_RE546276\_PCD

Key	Part No.	Part Name	Engine Qty. Senal No. Remarks
1 2 3	RE503963 RE503959 19H3003	Throttle Kit Lever Cap Screw	1 1 2 1/4" X 1/2"
4 5	R502202 RE503958	Bracket Accelerator	1 1
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97HP Wiring Harness 97HP Faisceau de fils 97HP Kabelbaum 97HP Sistemi di cavi 97HP Grupo de cables 97HP Kabelhärva

97HP\_RE546374\_PCD A.1



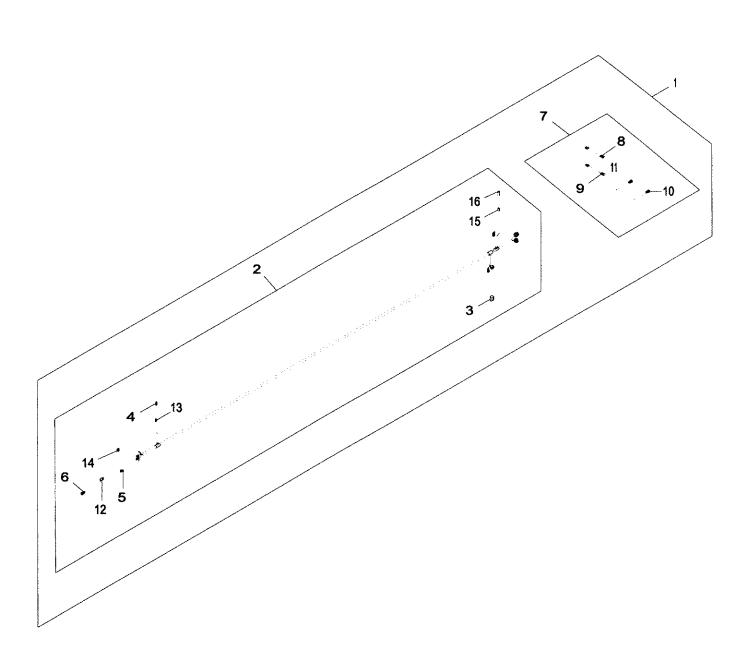
97HP\_RE546374\_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks	
1 2 3	RE534576 RE534581 RE52665	Hamess Kit Wiring Hamess Relay	1	<u></u>	·····	
4 5 6	R78052 57M7260 57M7263	Electrical Connector Assy Elec. Connector Housing Elec. Connector Housing	2 1 3			
7 8 9	RE534580 RE534585 RE534586	Harness Kit Wiring Hamess Wiring Hamess	1		······································	an a
10 11 12	RE534587 RE534588 R78054	Wiring Hamess Wiring Hamess Electrical Connector Assy	1 1 1	······································		
13 14 15	RE12362 57M8113 57M7808	Electrical Connector Assy Electrical Connector Assy Elec. Connector Housing	2 1 1			
16 17	57M8126 57M8578	Electrical Connector Assy Elec. Connector Housing	1 3			

PC11936 (H.1) PowerTech™ Plus 6.8L 6068AFM85 Diesel OEM Marine (Tier 3 Engine) ST776330(A.1)

97HQ Wiring Harness 97HQ Faisceau de fils 97HQ Kabelbaum 97HQ Sistemi di cavi 97HQ Grupo de cables 97HQ Kabelhärva

97HQ\_RE546375\_PCD A.1

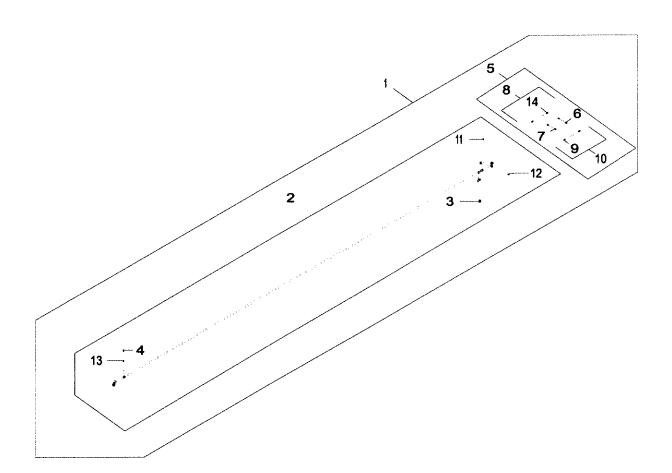


97HQ\_RE546375\_PCD

Кеу	Part No.	Part Name	Qty.	Engine Serial No.	Remarks	
1 2 3	RE534577 RE534582 RE505214	Hamess Kit Wiring Hamess Relay Module	1 1 1		······	<u> </u>
4 5 6	R78052 57M7260 57M7263	Electrical Connector Assy Elec. Connector Housing Elec. Connector Housing	2 1 3			
7 8 9	RE534580 RE534585 RE534586	Hamess Kit Wiring Hamess Wiring Hamess	1 1 1			••••••••••••••••••••••••••••••••••••••
10 11 12	RE534587 RE534588 R78054	Wiring Hamess Wiring Hamess Electrical Connector Assy	1 1 1			
13 14 15	RE12362 57M7808 57M8126	Electrical Connector Assy Elec. Connector Housing Electrical Connector Assy	2 1 1			
16	57M8578	Elec. Connector Housing	3			

97HR Wiring Harness 97HR Faisceau de fils 97HR Kabelbaum 97HR Sistemi di cavi 97HR Grupo de cables 97HR Kabelhärva

97HR\_RE546376\_PCD A.1

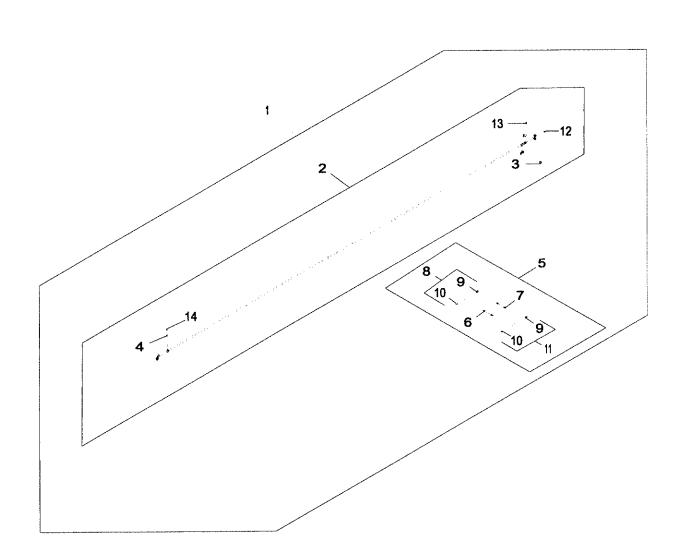


97HR\_RE546376\_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks	
1 2 3	RE534578 RE534583 RE52665	Hamess Kit Wiring Hamess Relay	1			<b>And States and Annual States and Annual States</b>
4 5 6	R78052 RE534580 RE534585	Electrical Connector Assy Harness Kit Wiring Hamess	2 1 1			
7 8 9	RE534586 RE534587 57M8578	Wiring Harness Wiring Harness Elec. Connector Housing	1 1 2	***************************************		**************************************
10 11 12	RE534588 57M8126 57M7629	Wiring Hamess Electrical Connector Assy Elec. Connector Housing	1 1 1	- / / /	₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩	
13 14	RE12362 57M7263	Electrical Connector Assy Elec. Connector Housing	2 2			

97HS Wiring Harness 97HS Faisceau de fils 97HS Kabelbaum 97HS Sistemi di cavi 97HS Grupo de cables 97HS Kabelhärva

97HS\_RE546377\_PCD A.1



97HS\_RE546377\_PCD

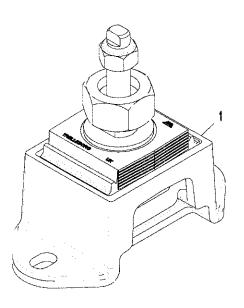
Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks	
1 2 3	RE534579 RE534584 RE505214	Harness Kit Wiring Harness Relay Module	1	π. •		
4 5 6	R78052 RE534580 RE534585	Electrical Connector Assy Harness Kit Wiring Hamess	2 1 1			
7 8 9	RE534586 RE534587 57M7263	Wiring Harness Wiring Harness Elec. Connector Housing	1 1 2			ALL - Land and and the transmission of the second
10 11 12	57M8578 RE534588 57M7629	Elec. Connector Housing Wiring Harness Elec. Connector Housing	2 1 1			<b>Vertien and a state of the sta</b>
13 14	57M8126 RE12362	Electrical Connector Assy Electrical Connector Assy	1 2		*******	

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9700 Field Installed Kits 6068AFM85

9754 Isolator Kits 9754 Kits d'isolateur 9754 Isolatorsätze 9754 Kit isolatore 9754 Juegos de amortiguador 9754 Isolatorsatser

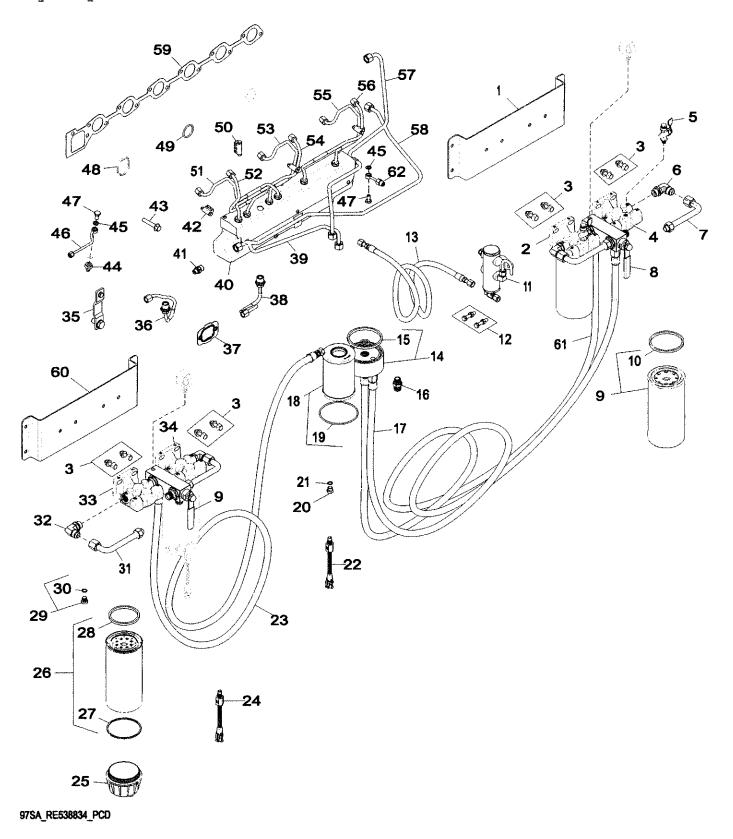
97S4\_ETN130990\_PCD A.1



97S4\_ETN130990\_PCD

/	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
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- 97SA Field Installation Kit 97SA Jeu d'adaptation 97SA Nachrüstsatz 97SA Kit di installazione sul campo 97SA Conjunto de instalación 97SA Fältinstallationssats
- 97SA\_RE538834\_PCD D.1

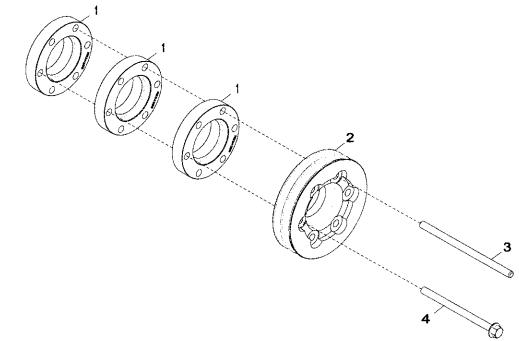


Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks	
1 2 3	DZ10231 DZ10401 DZ10403	Bracket Filter Head Hardware Kit	1			
4 5 6	DZ10402 RE568201 RE569818	Filter Head Bleed Valve Elbow Fitting	1 2 2			
7 8 9	RE568204 RE569816 RE533910	Fuel Line Hand Operated Valve Fuel Filter	2 1 2			
10 11 12	R527833 RE528059 RE528060	Packing Tank Mounting Parts	1			
13 14 15	RE528054 DZ10184 DZ10346	Hose Adapter Seal Kit	. 1			a maa kaanaa
16 17 <u>18</u>	DZ10347 DZ10185 RE568202	Adapter Hose Filter Element	2 1 1			
19 20 21	R522921 R27094 R26286	O-Ring Drain Plug O-Ring	1 1 1			
22 23 24 25 26 27	RE564160 DZ10185 RE564160	Sensor Hose Sensor	1 1 2			
25 26 27	R545940 RE532952 R525910	Bowl Filter Element Packing	2 2 1			
28 29 30	R501388 RE522144 51M7095	Packing Drain Plug O-Ring	1 2 1		11.300 X 2.200 mm	
31 32 33 34 35 36 37	RE568204 RE569818 DZ10399	Fuel Line Elbow Fitting Filter Head	2 2 1			na na manana ang karang ka
34 35 <u>36</u>	DZ10400 DZ10194 DZ10254	Filter Head Strap Fuel Line	1 1 1			
38 39	R528039 DZ10253 DZ10196	Gasket Fuel Line Fuel Line	1 1 1			
40 41 42	DZ10251 DZ10419 RE567633	Shield Adapter Fitting Clamp	1 1 3			
43 44 45	19M8528 RE566440 R523069	Screw Adapter <u>Washer</u>	3 1 4		M10 X 55	
46 47 <u>48</u>	DZ10255 R543538 R522511	Fuel Line Hollow Screw Seal	1 2 1		· · · · · · · · · · · · · · · · · · ·	
49 50 <u>51</u>	R523076 RE566453 DZ10245	O-Ring Clamp Fuel Line	2 1 1			
50 51 52 53 54 55 56 57	DZ10246 DZ10247 DZ10248 DZ10248	Fuel Line Fuel Line Fuel Line	1			······································
55 56 57	DZ10249 DZ10250 DZ10195 DZ10107	Fuel Line Fuel Line Fuel Line	1			
58 59 60 61 62 63 64 65	DZ10197 R522314 DZ10231 DZ10185	Fuel Line Gasket Bracket Hose	1			
62 63	DZ10185 DZ10252 RE538817 RE538819	Fuel Line Insulator	1		(A)	
65 66	RE538819 RE539117 RE538833	Insulator Insulator Insulator	1			· · · · · · · · · · · · · · · · · · ·
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97ST Pulley 97ST Poulie 97ST Riemenscheibe 97ST Puleggia 97ST Polea 97ST Remskiva

97ST\_RE554017\_PCD A.2



97ST\_RE554017\_PCD

R534265 R520753 R528382	Adapter				
R526362	Pulley	3 1			
19M8896	Screw	2 6	M	10 X 140	
19M8896	Adapter Pulley Rod Screw	1	M	10 X 140	

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Sectional Pictorial Index Index d'illustrations par sections. Gruppenbildindex Indice illustrato delle sezioni Indice de ilustraciones por secciones Avsnittsbildregister

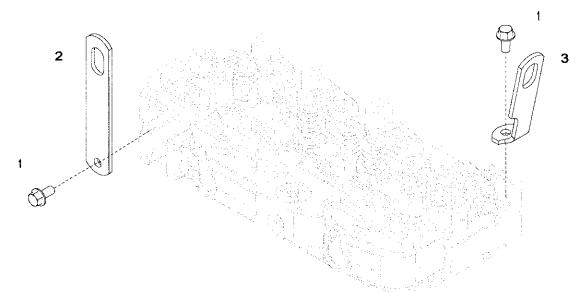
RGP17005 A.1

RGP17005

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9801 Lift Straps 9801 Oeillets de levage 9801 Hebestreben 9801 Cinghie di sollevamento 9801 Cintas de elevación 9801 Lyftlinor

9801\_RE53353\_PCD A.1



9801\_RE53353\_PCD

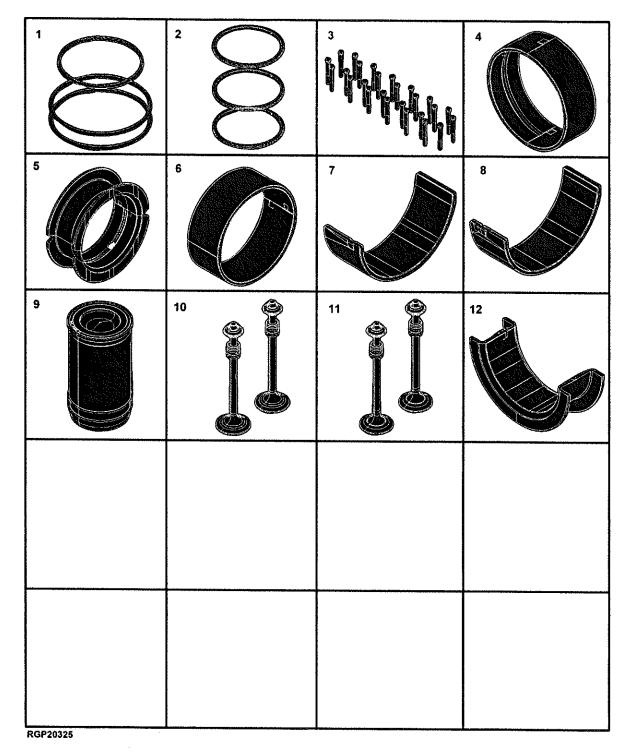
Key	Part No.	Part Name	Qty.	Engine Serial No.	R	Remarks
1 2 3	19M7788 R502329 R502175	Screw Strap Strap	2 1 1		M12 X 25 REAR FRONT	
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## 9900 Service Kits 6068AFM85

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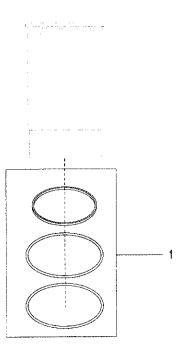
RGP20325 A.1



1-	356
2-	358
3	360
4-	362
5-	364
6-	366
7-	368
8-	370
9-	372
10-	374
11-	376
12-	378

9901 O Ring Kit 9901 Kit joints toriques 9901 O-Ring-Satz 9901 Kit O-ring 9901 Juego de anillo tórico 9901 O-ringssats

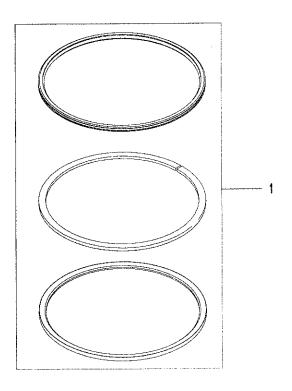
9901\_AR65507\_PCD A.1



9901\_AR65507\_PCD

у	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
À	R65507	O-Ring Kit	1		
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- 9901 Piston Ring Kit 9901 Kit de segments de piston 9901 Kolbenringsatz 9901 Kit fasce elastiche 9901 Juego de segmentos de pistón 9901 Sats med kolvringar
- 9901\_RE524453\_PCD A.1



9901\_RE524453\_PCD

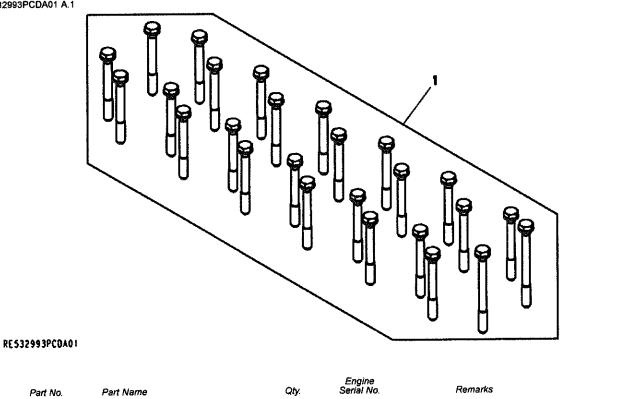
## 9900 Service Kits 6068AFM85

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RE532993PCDA01 A.1



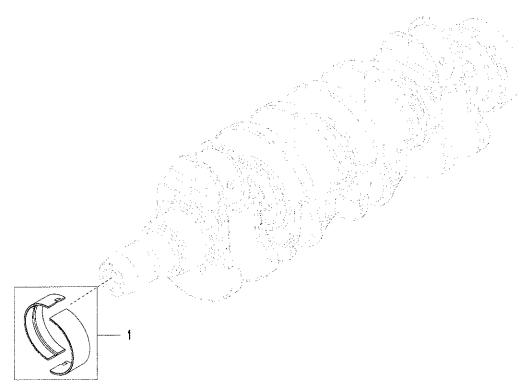
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1 RE546995 Bolt Kit

Key

9901 Bearing Kit 9901 Kit de roulements 9901 Lagersatz 9901 Kit cuscinetti 9901 Conjunto de cojinetes 9901 Lagersats

9901\_RE65165\_PCD 8.2

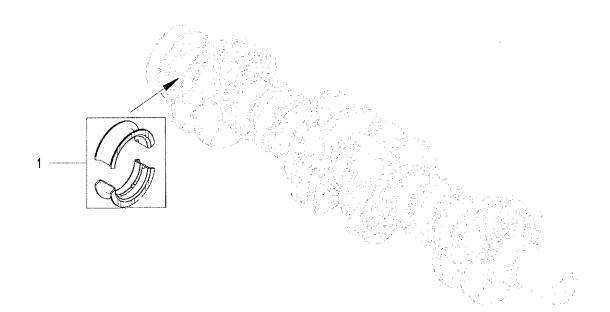


9901\_RE65165\_PCD

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R	E65165	Bearing Kit	1			
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9901 Bearing Kit 9901 Kit de roulements 9901 Lagersatz 9901 Kit cuscinetti 9901 Conjunto de cojinetes 9901 Lagersats

9901\_RE65168\_PCD C.1



9901\_RE65168\_PCD

/ Part No.	Part Name	Qty.	Engine Serial No.	Remarks
RE65168	Bearing Kit	1		
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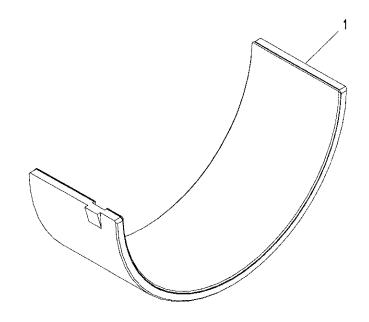
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9901 Bearing Kit 9901 Kit de roulements 9901 Lagersatz 9901 Kit cuscinetti 9901 Conjunto de cojinetes 9901 Lagersats 9901\_RE65908\_PCD A.1

9901\_RE65908\_PCD

/	Part No.	Part Name	Qty.	Engine Serial No.	Remarks	
Ī	RE65908	Bearing	1			
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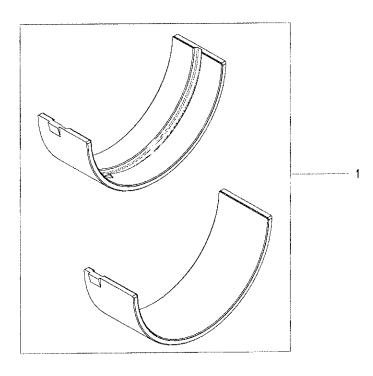
9901 Bearing, Connecting rod 9901 Coussinet, bielle 9901 Lager, Pleuelstange 9901 Cuscinetto, biella 9901 Cojinete, biela 9901 Lager, vevstake 9901\_RE65909\_PCD B.1



9901\_RE65909\_PCD

(ey	Part No.	Part Name	Qty.	Engine Serial No.	Remarks	
	RE65909	Bearing	1		0.254 mm; USPKG OF 2	
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9901 Main Bearing 9901 Palier principal 9901 Kurbelwellenlager 9901 Cuscinetto di banco 9901 Cojinete de bancada 9901 Ramlager 9901\_RE65911\_PCD B.1

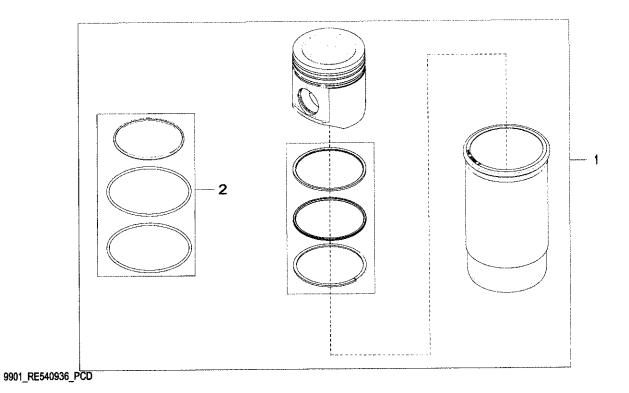


9901\_RE65911\_PCD

, 	Part No.	Part Name	Qty.	Engine Serial No.	Remarks	
	RE65911	Bearing	1		0.254 mm; US	
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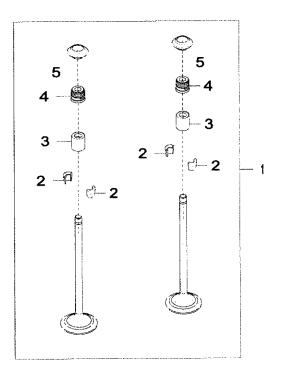
9901\_RE540936\_PCD A.1



Key		Part Name	Qty. S	Engine erial No.	Remarks	
1 2	RE540936 AR65507	Piston-Liner Kit O-Ring Kit	 1			
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9901 Intake Valve 9901 Soupape d'admission 9901 Einlassventil 9901 Valvola di aspirazione 9901 Válvula de admisión 9901 Insugningsventil

9901\_RE557890\_PCD A.1



9901\_RE557890\_PCD

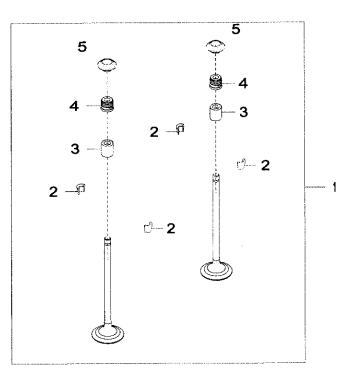
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		Part Name	Qty.	Епдіпе Serial No.	Remarks		
F	E557890 534978 E526519	Valve Kit Retainer Şeal	1 4				
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9901 Exhaust Valve 9901 Soupape d'échappement 9901 Auslassventil 9901 Valvola di scarico 9901 Válvula de escape 9901 Avgasventil

9901\_RE557891\_PCD A.1



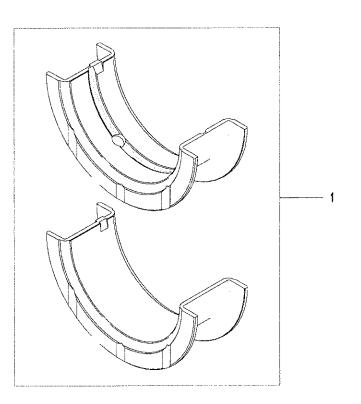
9901\_RE557891\_PCD

1 RE5578	1	Valve Kit	Qty. Seria	 	
2 R534978 3 RE5265	9	Retainer Seal	4		
4 RE5191 5 R50236	5	Seal Cap	22	 	
	-				

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9901 Thrust Bearing 9901 Palier de butée 9901 Drucklager 9901 Cuscinetto reggispinta 9901 Cojinete de empuje 9901 Trycklager

9901\_RE65912\_PCD A.2



9901\_RE65912\_PCD

	Part No.	Part Name	Qty.	Engine Serial No.	Remarks		
R	E65912	Thrust Bearing	1		0.254 mm		
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PowerTech™ Plus 6.8L 6068AFM85 Diesel OEM Marine (Tier 3 Engine)

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Trues         3         151         TryS22         3         315           TryS44         161         TryS444         20         143           TryS456         7         153         TryZ2440         19         143           TryS56         7         153         TryZ2470         1         2439           TryS57         1         153         TryZ2470         1         2413           TryS57         1         153         TryZ443         13         205           Tr255         15         205         UL42111         2         291           Tr256         2         151         50         50         50           S01442         161         50         50         50         50           S01452         163         2223         223         50	RE67747	3	105	1//858	30				
70673         4         153         TY22464         20         143           70756         7         163         TY22470         1         241           70756         7         163         TY22470         1         241           70756         9         153         TY22470         1         231           70567         1         151         TY22470         1         230           70565         2         151         TY22470         1         231           70555         2         131         U13591         20         205           71255         3         261         1         232         1         13539           71256         1         288         1         153         1433         1         151           71256         1         288         1         153         151         153         151         153         151         153         151         153         151         153         151         153         151         153         151         151         153         151         151         151         151         151         151         151         151         151	(E69581		13/	T77032	20	315			
70673         4         153         TY22464         20         143           70756         7         163         TY22470         1         241           70756         7         163         TY22470         1         241           70756         9         153         TY22470         1         231           70567         1         151         TY22470         1         230           70565         2         151         TY22470         1         231           70555         2         131         U13591         20         205           71255         3         261         1         232         1         13539           71256         1         288         1         153         1433         1         151           71256         1         288         1         153         151         153         151         153         151         153         151         153         151         153         151         153         151         153         151         151         153         151         151         151         151         151         151         151         151         151	(E/0480 E70487	3		T77932	ğ	315			
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71255     28     131     U13639     20     205       71255     15     205     U42111     2     291       71256     15     208     11     2     291       71256     2     288     151     153       71256     2     153     153     153       501040     6     153     153       501040     1     153     153       501411     153     153     153       501425     1     209     153       501431     227     153     153       501432     1     237     153       5014353     1     227     151       501435     1     209     153       501435     1     209     153       501435     1     209     153       501435     1     209     153       501435     1     209     153       501435     1     209     153       501435     1     209     153       501435     1     209     153       502626     163     163     153       502626     163     167     153       502626     163     1	RE70756		153	TY24443		153			
71255       9       227         71255       1       280         71256       1       280         71256       1       280         71256       1       280         71256       1       280         501040       6       213         501341       7       169         501342       5       165         501403       1       151         501403       1       157         501413       2       223         501916       11       93         501916       11       93         501916       11       93         501916       11       93         502262       4       163         502262       4       163         502262       1       167         502262       1       167         502262       1       167         502262       1       167         502262       1       167         502262       1       167         502626       163       163         502626       163       163         518	RE70957	1	151	1112520	13	200			
71255       9       227         71255       1       280         71256       1       280         71256       1       280         71256       1       280         71256       1       280         501040       6       213         501341       7       169         501342       5       165         501403       1       151         501403       1       157         501413       2       223         501916       11       93         501916       11       93         501916       11       93         501916       11       93         502262       4       163         502262       4       163         502262       1       167         502262       1       167         502262       1       167         502262       1       167         502262       1       167         502262       1       167         502626       163       163         502626       163       163         518	(E/1255	28	205		20	203			
71255       3       261         71256       1       288         71256       2       151         71256       2       151         71258       2       151         71258       2       151         71254       165       151         71255       1       201         71256       1       151         501400       1       153         501411       93       501615         71256       2       201         501813       1       227         501814       1       93         501815       1       201         501816       11       93         501826       5       163         502269       8       269         502262       5       163         502262       5       163         502262       1       167         502263       1       167         502264       1       167         502265       5       163         502262       1       167         502263       1       167         502643	E71200	10	205	042101	<b>4</b> -	201	ł		
71255       1       286         71256       2         501040       6       103         501041       7       169         501341       7       169         501342       5       165         501403       1       151         501403       1       151         501403       1       151         501403       1       279         501813       2       223         501916       11       93         501917       11       93         501918       2       223         501916       11       93         501916       11       93         501916       11       93         502260       4       163         502262       3       163         502262       4       163         502626       5       163         502626       5       163         502626       5       163         502626       163       164         502626       163       164         502626       163       164         502627       11 <td>E71255</td> <td></td> <td>261</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	E71255		261						
71256       2       151         501044       6       213         501044       6       213         501045       1       165         501406       1       153         501406       1       153         501407       1       161         501407       1       209         501413       1       227         501413       1       223         501413       1       223         501413       1       233         501413       1       233         501413       1       233         501413       1       233         501413       1       233         501413       1       233         501413       1       233         501413       1       233         502226       3       161         502226       1       167         502262       3       162         502262       1       167         502263       19       301         50244       162       167         502263       19       301         50245	E71255		288						
71256       6       133         501341       7       169         501343       1       151         501443       1       151         501443       1       153         501453       1       227         501655       1       209         501612       2       223         501813       2       223         501814       11       93         502825       4       161         502826       163       163         502826       163       502826         502826       163       502826         502826       163       502826         502826       163       502826         502826       163       502826         502826       167       50283         502827       167       50283         502828       167       50283         502829       167       50283         502829       167       50283         502829       167       50283         502829       167       50283         502829       167       50283         502829       167	E71256	2	151						
501341       7       169         501342       5       165         501400       1       151         501401       153       227         501833       1       227         501815       1       227         501815       1       233         501915       1       93         501916       11       93         502269       8       269         502262       1633       163         502262       163       163         502262       163       163         502262       163       163         502262       163       163         502262       163       163         502262       163       163         502262       163       163         502262       167       163         502263       163       163         502263       163       163         502263       163       163         502263       163       163         502263       163       163         502263       164       163         502263       164       164 <td>E71256</td> <td>6</td> <td>153</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	E71256	6	153						
501342       5       165         501403       1       151         501403       1       153         501683       1       207         501685       1       207         501685       1       207         501615       1       203         501916       11       93         5019176       11       93         5019183       29       93         502264       1613         502265       3       163         502262       1613       50         502262       163       50         502262       163       50         502262       163       50         502262       163       50         502262       163       50         502263       167       50         502263       167       50         502263       167       50         502263       167       50         502263       167       50         502263       167       50         502263       167       50         502263       167       50         50263	E501094	6	213						
S01403       1       151         S01406       1       153         S01533       1       227         S01635       1       209         S01812       2       213         S01813       11       83         S01913       11       83         S01913       11       83         S01913       299       93         S02260       8       269         S02262       3       163         S02262       3       163         S02262       3       167         S02262       3       167         S02263       1       167         S02264       1       163         S02265       1       167         S02263       1       167         S02263       1       167         S02733       9       165         S02233       1       167         S0243       1       167         S0243       1       245         S2203       7       295         S18       7       151         46102       1       151         46102 <t< td=""><td>E501341</td><td>2</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	E501341	2							
S01406       1       153         S01635       1       209         S01612       1       217         S01813       2       223         S01814       1       93         S01815       11       93         S01816       11       93         S01816       11       93         S01816       11       93         S01816       11       93         S01826       8       269         S02826       3       163         S02826       5       163         S02826       5       163         S02826       5       163         S02826       5       167         S0273       9       155         S0273       9       155         S0273       9       155         S0273       1       247         Z2075       11       248         Z2075       17       248         Z203       19       301         S18       7       83         S14       9       143         S14       9       143         S14       12	E501342	5	100						
501812       1       217         501913       2       223         501914       11       93         501914       29       93         501262       4       163         502262       4       163         502262       4       163         502262       4       163         502262       4       163         502262       3       167         502262       1       167         502262       1       167         502262       1       167         502263       1       167         502264       1       167         502265       163       167         22003       19       201         2203       19       201         2203       19       301         3518       8       75         3518       7       83         3814       12       165         46102       1       153         46102       1       153         46104       8       151         46102       1       157         46104       8 </td <td>5501406</td> <td>1</td> <td>153</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	5501406	1	153						
501812       1       217         501913       2       223         501914       11       93         501914       29       93         501262       4       163         502262       4       163         502262       4       163         502262       4       163         502262       4       163         502262       3       167         502262       1       167         502262       1       167         502262       1       167         502263       1       167         502264       1       167         502265       163       167         22003       19       201         2203       19       201         2203       19       301         3518       8       75         3518       7       83         3814       12       165         46102       1       153         46102       1       153         46104       8       151         46102       1       157         46104       8 </td <td>E501583</td> <td>1</td> <td>227</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	E501583	1	227						
501812       1       217         501913       2       223         501914       11       93         501914       29       93         501262       4       163         502262       4       163         502262       4       163         502262       4       163         502262       4       163         502262       3       167         502262       1       167         502262       1       167         502262       1       167         502263       1       167         502264       1       167         502265       163       167         22003       19       201         2203       19       201         2203       19       301         3518       8       75         3518       7       83         3814       12       165         46102       1       153         46102       1       153         46104       8       151         46102       1       157         46104       8 </td <td>E501655</td> <td>1</td> <td>209</td> <td></td> <td></td> <td></td> <td>I.</td> <td></td> <td></td>	E501655	1	209				I.		
S01916       11       93         S02260       8       269         S02262	E501812	1	217	1			ł		
S01916       11       93         S02260       8       269         S02262	E501813	2	223				[		
502625         4         161           502626         3         163           502626         5         163           502626         5         163           502626         5         163           502626         5         163           502733         9         155           502733         9         155           502733         9         156           7745         5         167           72803         7         295           22803         19         299           22803         19         297           22803         19         297           22803         19         297           22803         19         301           3518         8         75           16102         1         151           46102         151           46102         153           46102         1           46102         1           4516         151           46104         153           46104         153           46106         151           46106         153     <	E501915	11	93						
502625         4         161           502626         3         163           502626         5         163           502626         5         163           502626         5         163           502626         5         163           502733         9         155           502733         9         155           502733         9         156           7745         5         167           72803         7         295           22803         19         299           22803         19         297           22803         19         297           22803         19         297           22803         19         301           3518         8         75           16102         1         151           46102         151           46102         153           46102         1           46102         1           4516         151           46104         153           46104         153           46106         151           46106         153     <	E501916	11	93						
502625         4         161           502626         3         163           502626         5         163           502626         5         163           502626         5         163           502626         5         163           502733         9         155           502733         9         155           502733         9         156           7745         5         167           72803         7         295           22803         19         299           22803         19         297           22803         19         297           22803         19         297           22803         19         301           3518         8         75           16102         1         151           46102         151           46102         153           46102         1           46102         1           4516         151           46104         153           46104         153           46106         151           46106         153     <		29	93						
502826         163           502826         4           502827         163           502828         163           502828         167           502828         167           502733         9           50773         10           167         10           167         1203           2203         9           2203         6           2203         19           2203         19           2311         231           23814         9           3814         18           237         151           46102         1           46102         1           153         153           46102         1           451         453           46102         1           451         453           46102         1           457         4610           46102         1           451         453           46104         8           451         453           46104         157           46104         153	E502209	8	209						
502226       3       163         502226       5       163         502226       5       163         502733       9       155         502733       9       155         502733       9       155         502733       9       155         502733       9       155         22075       11       245         22003       7       295         22803       19       297         22803       19       297         22803       19       301         3518       8       75         3514       9       143         3814       12       145         3814       12       145         3814       12       145         46102       1       151         46102       1       153         46102       151       46102         46102       153       46104         46104       8       151         46106       151       4616         46106       153       4616         46106       153       4651         46515	E002020	4	163						
502626       5       163         502733       9       155         502733       9       155         7745       5       167         7745       5       167         22075       11       246         22003       6       297         22003       6       297         22003       19       209         22003       19       301         3518       7       83         3814       12       143         3814       12       145         46102       1       151         46102       1       153         46102       1       153         46102       1       153         46102       1       153         46102       1       153         46104       8       153         46104       8       153         46104       8       153         46104       8       153         46106       8       153         46106       8       153         46106       8       153         46106       8 <td< td=""><td>E502626</td><td>ä</td><td>163</td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	E502626	ä	163						
502626       5       163         502733       9       155         502733       9       155         7745       5       167         7745       5       167         22075       11       246         22003       6       297         22003       6       297         22003       19       209         22003       19       301         3518       7       83         3814       12       143         3814       12       145         46102       1       151         46102       1       153         46102       1       153         46102       1       153         46102       1       153         46102       1       153         46104       8       153         46104       8       153         46104       8       153         46104       8       153         46106       8       153         46106       8       153         46106       8       153         46106       8 <td< td=""><td>E502626</td><td></td><td>163</td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	E502626		163						
502628       1       167         13917       10       167         13917       10       167         22075       11       245         22003       7       295         22003       6       297         22803       19       299         22803       19       290         22803       19       301         3518       8       75         3814       9       143         3814       9       143         3814       18       257         46102       1       151         46102       8       151         46102       8       151         46102       8       153         46102       8       151         46102       4       157         46104       8       153         46104       8       153         46104       8       153         46515       8       151         46515       8       151         46515       8       153         46515       8       153         46516       8 <t< td=""><td>E502626</td><td>5</td><td>163</td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	E502626	5	163						
33917       10       167         27745       5       167         22075       11       245         22803       7       296         22803       6       297         22803       19       299         22803       19       301         3518       8       75         3518       8       75         3814       9       143         3814       12       145         3814       18       257         46102       1       151         46102       3       151         46102       8       153         46102       8       153         46102       8       153         46102       4       157         46104       8       151         46104       8       153         46104       8       153         46515       8       153         46516       8       153         46515       8       153         46515       8       153         46516       8       153         46516       8       15	E502628		167						
22075       11       245         22803       6       297         22803       19       299         22803       19       301         3518       8       75         3518       7       83         3814       9       143         3814       12       145         3814       18       257         46102       7       151         46102       7       151         46102       8       151         46102       8       153         46102       8       153         46102       4       157         46104       8       153         46104       8       153         46104       8       153         46104       8       153         46515       8       151         46515       8       153         46515       8       153         46515       8       153         46515       8       153         46516       8       153         46516       8       153         46516       8       153	E502733	.9	155						
22075       11       245         22803       6       297         22803       19       299         22803       19       301         3518       8       75         3518       7       83         3814       9       143         3814       12       145         3814       18       257         46102       7       151         46102       7       151         46102       8       151         46102       8       153         46102       8       153         46102       4       157         46104       8       153         46104       8       153         46104       8       153         46104       8       153         46515       8       151         46515       8       153         46515       8       153         46515       8       153         46515       8       153         46516       8       153         46516       8       153         46516       8       153	103917	10	16/	1					
22803       7       295         22803       19       297         22803       19       301         3518       8       75         3518       7       83         3814       12       145         3814       12       145         3814       12       145         3814       12       145         3814       12       145         46102       7       151         46102       7       151         46102       1       153         46102       1       157         46102       1       157         46102       4       157         46104       8       153         46104       8       153         46104       8       153         46106       8       151         46106       8       153         46515       8       153         46516       8       153         46516       8       153         46516       8       153         46516       8       153         46516       153	10/45	5 11	246						
22803       6       297         22803       19       301         3518       8       75         3518       7       83         3814       9       143         3814       9       143         3814       12       145         3814       18       257         46102       1       151         46102       8       151         46102       8       153         46102       8       153         46102       1       153         46102       1       157         46102       1       157         46104       8       151         46104       8       153         46104       8       151         46104       8       151         46106       8       151         46515       8       153         46515       8       153         46516       8       153         46516       8       153         46516       8       153         46516       153         46516       153         46	122075	7	295						
22803       19       299         22803       19       301         3518       8       75         3518       7       83         3814       9       143         3814       12       145         3814       12       145         3814       12       145         3814       12       145         3814       12       145         3814       12       145         3814       18       257         46102       7       151         46102       8       151         46102       8       153         46102       8       153         46102       4       157         46104       8       153         46104       8       153         46106       8       153         46215       8       153         46515       8       153         46515       8       153         46516       8       153         46516       8       153         46516       8       153         46516       157	122803		297						
22803       19       301         3518       8       75         3518       7       83         3814       9       143         3814       12       145         3814       12       145         3814       18       257         46102       1       151         46102       8       151         46102       8       153         46102       8       153         46102       8       157         46102       4       157         46104       8       151         46104       8       151         46104       8       153         46104       8       153         46104       8       153         46106       8       153         46515       8       153         46515       8       153         46515       8       153         46516       8       153         46516       8       153         46516       8       153         46516       8       153         46516       153	122803	19	299						
3814       9       143         3814       12       145         3814       12       145         3814       12       145         46102       1       151         46102       7       151         46102       8       151         46102       8       151         46102       1       157         46102       1       157         46102       4       157         46104       8       153         46104       8       153         46104       8       153         46106       8       153         46106       8       153         46515       8       151         46515       8       153         46516       8       153         46516       8       153         46516       8       153         46516       8       153         46516       8       153         46516       8       153         46516       8       153         46516       4       157         51881       1       32	F122803	19	301						
3814       9       143         3814       12       145         3814       12       145         3814       12       145         46102       1       151         46102       7       151         46102       8       151         46102       8       151         46102       1       157         46102       1       157         46102       4       157         46104       8       153         46104       8       153         46104       8       153         46106       8       153         46106       8       153         46515       8       151         46515       8       153         46516       8       153         46516       8       153         46516       8       153         46516       8       153         46516       8       153         46516       8       153         46516       8       153         46516       4       157         51881       1       32	13518	8	75						
3814       12       145         3814       18       257         46102       1       151         46102       7       151         46102       8       151         46102       1       153         46102       8       153         46102       8       153         46102       4       157         46104       8       151         46104       8       153         46104       8       153         46104       8       153         46104       8       153         46104       4       157         46106       8       153         46106       8       153         46515       8       153         46516       8       153         46516       8       153         46516       8       153         46516       4       157         51881       1       320         8891       18       205         0758       3       235         0758       3       235         0779       6       131<	13518	7	83						
3814       18       257         46102       1       151         46102       7       151         46102       8       153         46102       1       153         46102       1       157         46102       4       157         46102       4       157         46104       8       153         46104       8       153         46104       8       153         46104       8       153         46106       8       151         46106       8       153         46106       8       153         46515       8       151         46515       8       153         46516       8       153         46516       8       153         46516       8       153         46516       8       153         46516       4       157         51841       1       320         8891       18       205         0758       3       235         0758       3       235         0779       6       131<	13814	9	143						
46102       1       151         46102       7       151         46102       8       151         46102       1       153         46102       1       153         46102       1       157         46102       4       157         46104       8       151         46104       8       153         46104       8       153         46106       8       151         46106       8       151         46106       8       153         46106       4       157         46515       8       151         46516       8       151         46516       8       153         46516       8       153         46516       8       153         46516       8       153         46516       8       153         46516       4       157         51881       1       320         8891       18       205         0758       3       236         0758       3       236         0779       6       131<		12	140						
46102       7       151         46102       8       151         46102       1       153         46102       1       157         46102       4       157         46104       8       151         46104       8       151         46104       8       153         46104       8       153         46104       8       153         46106       8       151         46106       8       153         46106       8       153         46515       8       153         46515       8       153         46515       8       153         46516       8       153         46516       8       153         46516       8       153         46516       8       153         46516       4       157         51881       1       320         8891       18       205         0758       3       235         0758       3       235         0779       6       131	13014			]					
46102       8       151         46102       1       153         46102       8       153         46102       4       157         46104       8       151         46104       8       153         46104       8       153         46104       8       153         46104       8       153         46106       8       153         46106       8       153         46106       8       153         46515       8       153         46515       8       151         46515       8       151         46515       8       157         46516       8       153         46516       8       153         46516       8       153         46516       8       153         46516       4       157         46516       4       157         46516       4       157         46516       3       153         46516       3       205         0758       3       235         0758       3       235	146102								
46102       1       153         46102       8       153         46102       1       157         46102       4       157         46104       8       151         46104       8       153         46104       8       153         46104       8       153         46104       4       157         46106       8       151         46106       4       157         46516       4       157         46515       8       151         46515       4       157         46516       8       151         46516       8       153         46516       8       153         46516       4       157         46516       4       157         46516       8       153         46516       4       157         51881       1       320         8891       18       205         0758       3       231         0758       3       235         0779       6       131	146102	8	151						
46102       4       157         46104       8       151         46104       8       153         46104       4       157         46106       8       151         46106       4       157         46106       4       157         46515       8       151         46515       8       153         46515       8       153         46516       8       153         46516       8       153         46516       8       153         46516       4       157         51881       1       320         8891       18       205         0758       3       235         0758       3       235         0758       3       235	146102	1	153						
46102       4       157         46104       8       151         46104       8       153         46104       4       157         46106       8       151         46106       4       157         46106       4       157         46515       8       151         46515       8       153         46515       8       153         46516       8       153         46516       8       153         46516       8       153         46516       4       157         51881       1       320         8891       18       205         0758       3       235         0758       3       235         0758       3       235	146102	8	153						
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