

ENGINE

PEC10E2-01

KOMATSU PARTS BOOK

FGD40Z(Y)/50A(Y)-10

FORKLIFT TRUCK SERIAL NUMBERS **133001** and up

FG 40Z-10
35/40/45/50A-10

FD 40Z(Y)-10
35(Y)/40(Y)/45(Y)/50A(Y)-10

ENGINE

Komatsu Utility Co., Ltd.
FORKLIFT COMPANY

PARTS BOOK

For FG40Z/35/40/45/50A-10

TB45-1-91-A

TB45-1-94-A (SINGLE FUEL - LP GAS)

TB45-1-97-A (DUAL FUEL - LP GAS/GASOLINE)

For FD40Z/35/40/45/50A-10

SAA4D95LE-5-CX

For FD40ZY/35Y/40Y/45Y/50AY-10

S4D95LE-3-CX

PARTS BOOK

TB45-1-91-A

Serial No. 099706 and up

TB45-1-94-A (SINGLE FUEL - LP GAS)

Serial No. 099706 and up

TB45-1-97-A (DUAL FUEL - LP GAS/GASOLINE)

Serial No. 099706 and up

FOREWORD

When ordering a spare part, specify the part number, part name, and quantity required, and also specify your machine model code, machine serial number, engine serial number and the service meter reading.

This Parts Book describes not only standard items but also optional equipment and attachments. To order a part, please contact your nearest Komatsu distributor.

This Parts Book contains the information and special symbols as follows:

Figure and list	When you open this Parts Book, you will find an illustration on the left page (even-numbered page) for the spare parts group. Each individual part in the group is given an index number. On the right page, the component parts of the group are listed in the order of the index numbers shown on the illustration page. The part number, part name, and applicable machine serial number are given for each part.
FIG. No.	The FIG. No. is the number of the illustration shown on the page. It is not the spare part number. The numbers are not always continuous.
INDEX	This is the same as the index number in the illustration. The parts are listed in index number order.
PART No.	The number given in the PART No. column is the part number for the part shown. It is the code used when ordering that part. It is important that there be no mistake in this code number when ordering.
DESCRIPTION	This gives the name of part that has the part number listed. The mark "." is put in front of the part name of an assembly part and the item is entered following the assembly. If a part marked with "." is a sub assembly, its components are marked with "..". Example: ELEMENT ASSEMBLY, AIR CLEANER .ELEMENT ASSEMBLY, OUTER ..ELEMENT, OUTER ..NUT, WING ..WASHER
Q'TY (Quantity)	This specifies the number of pieces used for one machine. However, if a part is included in the assembly and/or component, the quantity per such assembly and/or component is specified.
SERIAL No.	Applicable engine serial number is indicated for the engine volume. In the chassis volume, this indicates the machine serial number in which the part is used.
Symbols and codes	Symbols and codes are used in the PART No. and DESCRIPTION columns, and represent the following: ☐ The part specified in the line above can be used instead of this part.

Symbols
and codes
(Cont'd)

◻	This part can be used instead of the part specified in the line immediately above.
◆	This part and the part specified in the line immediately above are interchangeable.
■	The part specified in the DESCRIPTION column can be used instead of this part if it is used as a set.
⊠	This shows discontinued part. The part specified in the above line is supplied instead.
▼	This shows a discontinued part. The part specified in the DESCRIPTION column is supplied instead as a set.
☆	This part cannot be supplied as an individual part. It is supplied as an assembly.
★	This part cannot be supplied as an individual part. It is supplied as an assembly. However, it is supplied as an individual part by authorized distributors only.
⊙	This indicates a part group. The part marked with this symbol is not considered a supply part.
====	The parts surrounded by this line are components of the part group specified in the above line.
G-1,G-2	These indicate categories of part groups.
KIT	This indicates kit parts. For kit parts, refer to the service kit tables provided in this Parts Book.
△	This indicates a part supplied as semi-finished. It requires additional work before installation.
PAINT(1)	This indicates parts shipped painted with undercoat.
PAINT(2)	This indicates parts supplied with different colors from the original color of your machine.
(A)	This code indicates special parts for cold weather "A" specification (-30°C) machines.
(B)	This indicates special parts for cold weather "B" specification (-50°C) machines.

Note: Codes in () following the Figure No. indicate the figure for the specific machine model shown below. If there is no code indicated, parts in the illustration are common for all applicable machine models.

Detail Code	Machine Model
001	TB45-191-A
011	TB45-194-A
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AVANT-PROPOS

Lorsque vous passez une commande d'une ou plusieurs pièces détachées, vous êtes prié de spécifier, outre le ou les numéro(s), désignation(s) et quantité(s) des pièces commandée(s), le numéro de carrosserie, le numéro de série du moteur et la lecture du compteur de service du véhicule.

Sur le présent catalogue des pièces figurent non seulement les équipements standard, mais également les équipements et accessoires en option. Si vous désirez un équipement ou une pièce quelconque, vous êtes prié de prendre contact avec le concessionnaire Komatsu le plus proche.

Ce catalogue des pièces se présente de la manière suivante:

Figures et listes	Lorsque vous ouvrez le présent catalogue, vous trouvez: sur la page de gauche (numéro de page pair), les illustrations de toutes les pièces composant l'équipement en question avec les numéros de référence pour chacune des pièces, sur la page de droite (numéro de page impair), la liste des pièces dans l'ordre des numéros de référence des pièces avec indication du numéro des pièces, de la désignation des pièces, de la quantité utilisée et des numéros de série.
FIG. No. (Figure et liste)	Le numéro de figure (FIG. XX) correspond au numéro de la figure représentée sur cette page, mais ne correspond pas au numéro de la pièce détachée. Veuillez noter que les numéros de figure ne se suivent pas systématiquement.
INDEX (Numéros de référence)	Les numéros de référence correspondent aux numéros de référence notés sur la figure et sont énumérés dans l'ordre des numéros de référence.
PART No. (Numéros de pièce)	Les numéros indiqués dans cette colonne correspondent aux numéros des pièces représentées et constituent les codes à spécifier pour toute commande de pièce. Il est important de ne pas faire d'erreur avec ce code au moment de la commande.
DESCRIPTION (Description)	Dans cette colonne est indiquée la désignation des différentes pièces. Dans le cas d'un ensemble constitué de pièces, la désignation de chacune de ces pièces est précédée d'un point "." et dans le cas d'un ensemble constitué de sous-ensembles eux-mêmes constitués de pièces, la désignation de chacune de ces pièces est précédée de deux points "..". Exemple: ELEMENT ASSEMBLY, AIR CLEANER .ELEMENT ASSEMBLY, OUTER ..ELEMENT, OUTER ..NUT, WING ..WASHER
Q'TY (Quantité)	Dans cette colonne est indiqué le nombre de pièces nécessaires pour l'équipement en question. S'il s'agit de pièces comprises dans un ensemble et/ou composant, et la quantité indiquée est le nombre de pièces nécessaires pour l'ensemble et/ou le composant en question.
SERIAL No. (Numéros de série)	S'il s'agit d'un élément du moteur, ces numéros sont les numéros de série des moteurs sur lesquels cette pièce est utilisée. S'il s'agit d'un élément de la carrosserie, ces numéros sont les numéros des carrosseries sur lesquelles la pièce en question est utilisée.

Codification	Les codes indiqués dans les colonnes "N° de pièce" et "Description" ont les significations suivantes:
□	Au lieu de la pièce affectée de ce code, il est possible d'utiliser la pièce qui figure juste au-dessus.
◻	La pièce affectée de ce code peut être utilisée à la place de la pièce figurant juste au-dessus.
◆	La pièce affectée de ce code et la pièce figurant dans la ligne justeau-dessus sont interchangeables
⊠	Au lieu de la pièce affectée de ce code, il est possible d'utiliser la combinaison des pièces indiquées dans la colonne "Description".
■	Les pièces affectées de ce code ne sont plus fournies. Au lieu de cette pièce, c'est la pièce figurant dans la ligne justeau-dessus qui sera fournie.
▼	Les pièces affectées de ce code ne sont plus fournies. Au lieu de cette pièce, c'est la combinaison de pièces figurant dans la colonne "Description" qui sera fournie.
☆	Les pièces affectées de ce code ne seront pas fournies à l'unité mais par jeu de pièces.
★	Les pièces affectées de ce code ne seront pas fournies à l'unité mais par jeu de pièces, sauf dans le cas de certains concessionnaires Komatsu.
⊙	Ce code indique qu'il s'agit d'un groupe de pièces. Les pièces affectées de ce code ne sont pas fournies en tant que pièces détachées.
= = = =	Les pièces ainsi encadrées sont les pièces composantes du groupe de pièces indiqué dans la ligne d'au-dessus.
G-1, G-2	Indique le numéro du groupe de pièces
KIT	Indique qu'il s'agit d'un kit de pièces. Pour les pièces composantes des kits, veuillez vous reporter à la liste des kits de service.
△	Indique qu'il s'agit de pièces fournies à l'état semi-fini. Ces pièces devront être usinées avant l'installation.
PAINT(1)	Indique que sur les pièces fournies est appliquée uniquement une couche primaire.
PAINT(2)	Indique que la couleur de la peinture est différente de celle d'origine.
(A)	Indique qu'il s'agit de pièces pour spécifications artiques A (−30°C)
(B)	Indique qu'il s'agit de pièces pour spécifications artiques B (−50°C)

Nota: Les numéros de modèles indiqués entre parenthèses à la suite du titre de chaque figure sont les numéros des modèles dont l'équipement correspond à celui représenté sur la figure en question. Lorsque les figures ne sont pas suivies de numéros de modèle, c'est qu'elles conviennent pour tous les modèles.

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VORWORT

Bei der Bestellung von Teilen bitte die Teilenummer, die Teilebezeichnung und die Menge des jeweiligen Teils sowie die Modellnummer, die Seriennummer der Maschine, die Seriennummer des Motors und den Stand des Betriebsstundenzählers angeben.

In dieser Ersatzteilliste ist nicht nur das Standardzubehör aufgeführt, sondern auch als Sonderausstattung erhältliche Teile und Einrichtungen.

Bestellungen nimmt Ihr zuständiger Komatsu-Händler entgegen.

Die folgenden Angaben sind in der Ersatzteilliste aufgeführt.

Bild und Liste	Beim Aufschlagen des Ersatzteilkatalogs ist auf der linken Seite (d.h. der Seite mit der geraden Zahl) eine Darstellung der Bauteile der betreffenden Baugruppe zu finden. Jedes Einzelteil der Baugruppe ist mit einer Kennzahl versehen. Auf der rechten Seite (d.h. der Seite mit der ungeraden Zahl) sind die Bauteile der Baugruppe, geordnet nach den auf der linken Seite angegebenen Kennzahlen, aufgeführt. Jedes Einzelteil wird mit Teilenummer, Teilebezeichnung und entsprechender Seriennummer angegeben.
FIG. No. (Bildnummer)	Die Bildnummer entspricht der Nummer des auf der betreffenden Seite stehenden Bilds. Es handelt sich dabei nicht um die Nummer des Lieferteils. Es sei ferner erwähnt, daß die Bilder nicht fortlaufend numeriert sind.
INDEX (Kennzahl)	Dabei handelt es sich um die gleiche Zahl wie die Kennzahl im Bild. Die Teile sind geordnet nach der Kennzahl aufgeführt.
PART No. (Teilenummer)	Die in der Spalte "Teilenummer" aufgeführte Nummer entspricht der Teilenummer für das betreffende Teil. Diese Nummer dient zur Bestellung des Teils. Deshalb bei der Bestellung stets auf die genaue Angabe der Teilenummer achten.
DESCRIPTION (Beschreibung)	Hierunter wird die Bezeichnung des Teils mit der aufgeführten Teilenummer angegeben. Jedes Baugruppen-Bauteil ist mit dem vorangestellten Symbol "." gekennzeichnet und wird hinter der entsprechenden Baugruppe aufgeführt. Handelt es sich bei dem mit "." gekennzeichneten Bauteil um eine Baugruppe, sind die Bauteile dieser Baugruppe mit ".." gekennzeichnet. Beispiel: Element assembly, air cleaner . Element assembly, outer .. Element, outer .. Nut, wing .. Washer
Q'TY (Menge)	Hierunter wird die Anzahl der Bauteile für eine Maschine angegeben. Im Falle einer Baugruppe oder eines Aggregats wird allerdings die Anzahl der Teile pro Baugruppe angegeben.
SERIAL No. (Seriennummer)	Im Ersatzteilkatalog für den Motor versteht man hierunter die Seriennummer des Motors, in den das betreffende Teil eingebaut ist. Im Ersatzteilkatalog für die Maschine versteht man hierunter die Seriennummer der Maschine, in die das entsprechende Teil eingebaut ist.
Kodes	Die in den Spalten "Teile-Nr." und "Beschreibung" verwendeten Kodes haben folgende Bedeutung: ☐ Anstelle dieses Teils kann das in der vorangegangenen Zeile aufgeführte Teil verwendet werden.

□	Dieses Teil kann anstelle des in der vorangegangenen Zeile aufgeführten Teils verwendet werden.
◆	Dieses Teil ist mit dem in der vorangegangenen Zeile aufgeführten Teil austauschbar.
■	Anstelle dieses Teils kann das in der Spalte "Beschreibung" aufgeführte Teil verwendet werden, wenn das Teil zusammen mit anderen Teilen als ein Bauteilsatz verwendet wird.
⊗	Dieses Teil kann nicht mehr geliefert werden. Statt dessen wird das in der vorangegangenen Zeile aufgeführte Teil geliefert.
▼	Dieses Teil kann nicht mehr geliefert werden. Statt dessen wird das in der Spalte "Beschreibung" aufgeführte Teil als ein Bauteilsatz geliefert.
☆	Dieses Teil kann nicht als Einzelteil, sondern nur als Baugruppe geliefert werden.
★	Dieses Teil kann nicht als Einzelteil, sondern nur als Baugruppe geliefert werden. Nur bei bestimmten Händlern kann es als Einzelteil bezogen werden.
⊙	Hierdurch wird ein Aggregat gekennzeichnet. Es wird nicht zu den Lieferteilen gerechnet.
====	Die Teile innerhalb dieser Markierung gehören zu dem oben aufgeführten Aggregat.
G-1, G-2	Hiermit wird die Kategorie eines Aggregats angegeben.
KIT	Hiermit werden Teile gekennzeichnet, die nur als Satz erhältlich sind. Siehe dazu die Tabelle der als Satz gelieferten Ersatzteile.
△	Hiermit werden Teile gekennzeichnet, die in vorbearbeitetem Zustand geliefert werden und für den Einbau nachbearbeitet werden müssen.
PAINT(1)	Hiermit werden Teile gekennzeichnet, die mit Grundierung geliefert werden.
PAINT(2)	Hiermit werden Teile gekennzeichnet, die in unterschiedlichen Farben geliefert werden.
(A)	Hiermit werden Teile gekennzeichnet, die speziell für kalte Witterung (A) (-30°C) ausgelegt sind.
(B)	Hiermit werden Teile gekennzeichnet, die speziell für kalte Witterung (B) (-50°C) ausgelegt sind.

Hinweis:

Die Angabe () hinter dem Bildnamen dient zur Angabe des Bilds für das nächste Modell.
Wenn keine Angabe aufgeführt ist, ist das Bauteil bei allen Modellen gleich.

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PROLOGO

Cuando tenga que efectuar un pedido de repuestos, se ruega especificar el número, el nombre y la cantidad de piezas requeridas, indicando asimismo el número de modelo, el número de serie del motor y la lectura del contador de servicio.

Esta lista de piezas especifica no solamente accesorios estándar sino también piezas y accesorios opcionales. Para realizar un pedido, sírvase ponerse en contacto con su distribuidor Komatsu más cercano.

La lista de repuestos se compone de los elementos siguientes.

Figura y lista	Al abrir esta lista de repuestos, encontrará en la página izquierda (página de número impar) una ilustración de los componentes del conjunto. La figura de cada componente individual va provista de un número de índice. En la página derecha (página de número par), los componentes del conjunto están listados siguiendo el orden de los números de índice de la página izquierda.
FIG. NO. (Número de figura)	El número de figura es el número indicado en cada una de las respectivas figuras, y no es el número de la pieza. Los números de figura no son siempre continuos.
INDEX (Número de índice)	Coincide con el número de índice de cada figura, y aparecen en la lista en orden numérico.
PART NO. (Número de pieza)	El número indicado en la columna de "Número de piezas" es el número de pieza que aparece en la figura. Es sumamente importante debido a que se utiliza como código al efectuar el pedido de piezas.
DESCRIP-TION (Nombre de las piezas)	Indica la descripción correspondiente a cada número de pieza. Los componentes de un conjunto llevan la marca "." antes del nombre. Por otra parte, cuando se tratan de piezas armadas, llevan la marca ".." antes del nombre Ejemplo: ELEMENT ASSEMBLY, AIR CLEANER .ELEMENT ASSEMBLY, OUTER ..ELEMENT, OUTER ..NUT, WING ..WASHER
Q'ty (Cantidad)	Especifica el número de piezas utilizadas en cada máquina. Sin embargo, para un conjunto o componentes de un grupo de piezas, se especifica el número de piezas por conjunto.
SERIAL NO. (Número de serie)	En el manual de piezas del motor, indica el número de serie del motor en que se utiliza la pieza. En el manual de piezas de la máquina, indica el número de serie del vehículo en que se utiliza esa pieza.

Códigos	Los códigos y números de piezas especificados en las columnas "N°. de pieza" y "Nombre de la pieza" representan lo siguiente:
	En lugar de esta pieza es posible utilizar la pieza indicada en el renglón de arriba.
	Es posible utilizar esta pieza en lugar de la indicada en el renglón inmediatamente anterior.
	Esta pieza y la indicada en el renglón inmediatamente anterior son intercambiables.
	Es posible utilizar la pieza especificada en la columna "Nombre de las piezas" si se utiliza como un conjunto.
	Esta pieza se ha dejado de suministrar. En su lugar, se suministra la pieza indicada en el renglón anterior.
	Esta pieza se ha dejado de suministrar. En su lugar, se suministra la pieza especificada en la columna "Nombre de las piezas" como un conjunto.
	Esta pieza no se suministra como pieza individual. Se suministra como un conjunto.
	Esta pieza no se suministra como pieza individual. Se suministra como un conjunto. Sin embargo, es suministrada como pieza individual por ciertos distribuidores.
	Indica grupo de piezas. Las piezas que llevan este código no son suministrables.
====	Las piezas rodeadas por esta línea son componentes del grupo de piezas especificado arriba.
G-1, G-2	Indica la clasificación del grupo de piezas.
KIT	Indica componentes de un juego. Para los componentes de un juego, refiérase a la tabla de los juegos de servicio.
	Indica pieza suministrada como semiterminada. Debe ser reelaborada antes del uso.
PAINT(1)	Indica piezas despachadas con una primera mano de pintura.
PAINT(2)	Indica piezas despachadas con colores diferentes.
(A)	Indica piezas especiales (A) especificadas para climas fríos (-30°C).
(B)	Indica piezas especiales (B) especificadas para climas fríos (-50°C)

Nota: El código que aparece () después del nombre de la figura indica la figura para el modelo siguiente. Si no hay código, significa que es un componente común para todos los modelos.

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INTRODUÇÃO

Ao solicitar uma peça, informe o número, nome e quantidade da peça necessária, bem como o número da carroçaria, número do motor, e leitura do medidor de serviço.

Esta lista de peças não somente especifica os acessórios padrões mas também as peças opcionais e aditamentos. Para pedir uma peça, entre em contato com o revendedor Komatsu mais próximo.

Este livro de peças consiste nos seguintes itens.

Figura e lista	Ao abrir este livro de peças, você encontrará na página esquerda (a página com número par), uma ilustração das peças componentes do conjunto. Cada peça individual no conjunto tem um número de índice. Na página direita (a página com número ímpar), as peças componentes do conjunto são relacionadas na ordem dos números de índice mostrados na página esquerda. Cada peça é designada com um número, nome, e número de série aplicável.
FIG. NO. (Número da figura)	O número da figura é o número da figura mostrada em tal página. Ele não é um número para fornecimento da peça. Do mesmo modo, os números das figuras nem sempre são contínuos.
INDEX (Número de índice)	Este número é igual ao número de índice na figura. As peças são relacionadas na ordem dos números de índice.
PART NO. (Número de peça)	O número designado na coluna "Número da peça" é o número para a peça mostrada. Ele é o código usado para o pedido da peça. É importante que não haja equívoco com respeito a este número ao pedir uma peça.
DESCRIP- TION (Descrição)	Este item descreve o nome da peça que tem o número de peça relacionado. É colocado um "." na frente do nome de um componente de conjunto e o item é introduzido após o conjunto. Se uma peça marcada com "." é um conjunto, seus componentes são marcados com "..". Exemplo: ELEMENT ASSEMBLY, AIR CLEANER .ELEMENT ASSEMBLY, OUTER ..ELEMENT, OUTER ..NUT, WING ..WASHER
Q'ty (Quantidade)	Este item especifica o número de peças usadas para 1 máquina. No entanto, para o conjunto ou componentes de um grupo de peças, o número de peças por conjunto é especificado.
SERIAL NO. (Número de série)	No livro de peças do motor, esse número indica o número de série do motor no qual a peça é usada. No livro de peças da máquina, esse número indica o número de série da máquina na qual a peça é usada.
Códigos	Os códigos e número de peça especificados nas colunas "N.º de peça" e "Descrição" representam o seguinte: ☐ A peça especificada na linha acima pode ser usada no lugar desta peça.

□●	Esta peça pode ser usada no lugar da peça especificada na linha imediatamente acima.
◆	Esta peça e a peça especificada na linha imediatamente acima são intercambiáveis.
■	A peça especificada na coluna "Descrição" pode ser usada no lugar desta peça se ela for usada como um jogo.
⊗	Esta peça não é mais fornecida. A peça especificada na linha acima é fornecida em seu lugar.
▼	Esta peça não é mais fornecida. A peça especificada na coluna "Descrição" é fornecida em seu lugar como um jogo.
☆	Esta peça não pode ser fornecida como uma peça individual. Ela é fornecida como um conjunto.
★	Esta peça não pode ser fornecida como uma peça individual. Ela é fornecida como um conjunto. No entanto, ela é fornecida como uma peça individual somente por revendedores específicos.
⊙	Isso indica um grupo de peças. Esta peça não é considerada uma peça de fornecimento.
====	As peças envolvidas por esta linha são componentes do grupo de peças especificado acima.
G-1, G-2	Isso indica a categoria do grupo de peças.
KIT	Isso indica componentes de um kit. Para os componentes de um kit, refira-se à tabela de kits de serviço.
Δ	Isso indica uma peça fornecida como produto semi-acabado. Ela deve ser reformada antes do uso.
PAINT(1)	Isso indica peças embarcadas pintadas com uma primeira mão de fundo.
PAINT(2)	Isso indica peças embarcadas com cores diferentes.
(A)	Isso indica peças especiais para especificação (A) de tempo frio (-30°C).
(B)	Isso indica peças especiais para especificação (B) de tempo frio (-50°C).

Nota: O código dentro de () após o nome da figura indica a figura para o próximo modelo. Se não houver um código, o componente é comum para todos os modelos.

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الرموز	الرموز وأرقام القطع المذكورة في عمود « رقم القطعة » وعمود « الوصف » تمثل كما يلي:
□	القطعة المذكورة في السطر السابق يمكن استعمالها بدلاً من هذه القطعة.
▣	هذه القطعة يمكن استعمالها بدلاً من القطعة المذكورة في السطر السابق مباشرة.
◆	هذه القطعة والقطعة المذكورة في السطر السابق مباشرة يمكن لكل منهما ان تحل محل الاخرى.
■	القطعة المذكورة في عمود « الوصف » يمكن استعمالها بدلاً من هذه القطعة اذا استخدمت كقطع.
⊠	هذه القطعة توقف توريدها. يتم توريد القطعة المذكورة في السطر السابق بدلاً منها.
▼	هذه القطعة توقف توريدها. يتم توريد القطعة المذكورة في عمود « الوصف » بدلاً منها كقطع.
☆	هذه القطعة لا يمكن توريدها كقطعة منفردة. يتم توريدها كمجموعة.
★	هذه القطعة لا يمكن توريدها كقطعة منفردة. يتم توريدها كمجموعة. على انه يتم توريدها كقطعة منفردة من قبل موزعين معيّنين فقط.
⊙	هذا يشير الى مجموعة قطع. هذه القطعة لا تعتبر قطعة للتوريد.
=====	القطع المحاطة بهذا الخط هي مكونات لمجموعة القطع المذكورة اعلاه.
G-1,G-2 KIT	هذا يشير الى فئة مجموعة القطع. هذا يشير الى مكونات الاطقم التركيبية. بخصوص الاطقم التركيبية، يرجى مراجعة جدول الاطقم التركيبية للخدمة.
△	هذا يشير الى قطعة مورّدة شبه مكتملة التصنيع. تتطلب استكمال تصنيعها قبل الاستعمال.
PAINT(1)	هذا يشير الى القطع المشحونة بعد طلائها بطبقة سفلية.
PAINT(2)	هذا يشير الى القطع المشحونة بألوان مختلفة.
(A)	هذا يشير الى قطع خاصة بمواصفات الطقس البارد من الفئة (A) (-٣٠°م).
(B)	هذا يشير الى قطع خاصة بمواصفات الطقس البارد من الفئة (B) (-٥٠°م).

ملاحظة : الرمز الوارد ضمن الاقواس () بعد اسم الشكل يشير الى الشكل الخاص بالموديل اللاحق. اذا لم يكن هناك رمز فان المكونة تكون مشتركة لجميع الموديلات.

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مقدمة

عند طلب القطع، يرجى تحديد رقم القطعة واسم القطعة والكمية المطلوبة من القطعة، مع تحديد رقم الموديل والرقم التسلسلي للمحرك وقراءة عداد الخدمة.

قائمة القطع هذه لا تقتصر على الكماليات القياسية فقط بل تشمل أيضاً القطع والملحقات الاختيارية. لطلب القطع، يرجى الاتصال بأقرب موزع لمنتجات كوماتسو.

قائمة القطع تتضمن البنود التالية.

الشكل والقائمة	عندما تفتح كتاب القطع، ستجد على الصفحة اليسرى (الصفحة ذات الرقم الزوجي) شكلاً توضيحياً للقطع المكونة للمجموعة. كل قطعة في مجموعة المكونات لها رقم فهرس. على الصفحة اليمنى (الصفحة ذات الرقم الفردي) تم إدراج قائمة بالقطع التي تتكون منها المجموعة مرتبة حسب أرقام الفهرس المبينة في الصفحة اليسرى. وقد أعطيت كل قطعة من القطع رقم قطعة واسم قطعة ورقم تسلسلي ينطبق عليها.
FIG. No. (رقم الشكل)	رقم الشكل هو الرقم الخاص بالشكل التوضيحي الذي يظهر في تلك الصفحة. وهو ليس رقم القطعة التي يتم توريدها. كما أن أرقام الأشكال ليست دائماً متتابعة.
INDEX (رقم الفهرس)	هذا الرقم هو نفس رقم الفهرس الوارد في الشكل التوضيحي. تدرج القطع في القائمة مرتبة تبعاً لأرقام الفهرس.
PART No. (رقم القطعة)	الرقم الوارد في عمود « رقم القطعة » هو رقم القطعة الخاص بالقطعة المبينة. وهو الرمز المستخدم لطلب تلك القطعة. ومن الضروري عدم ارتكاب أي خطأ في تحديد هذا الرقم عند طلب القطع.
DESCRIPTION (الوصف)	يعطي اسم القطعة المدرج رقمها في القائمة. توضع العلامة " . " أمام أسماء القطع المكونة للمجموعة ويذكر البند بعد المجموعة. إذا كانت القطعة المشار إليها بالعلامة " . " هي نفسها عبارة عن مجموعة مكونات فإن كلاً من مكوناتها يشار إليها بالعلامة " . . " . مثال : ELEMENT ASSEMBLY, AIR CLEANER ELEMENT ASSEMBLY, OUTER .. ELEMENT, OUTER ..NUT, WING ..WASHER
Q'ty (الكمية)	هذا هو عدد القطع المستخدمة لآلية واحدة. أما بالنسبة لمجموعات المكونات ومجموعات القطع فإنه يتم تحديد عدد القطع لكل مجموعة.
SERIAL No. (الرقم التسلسلي)	في كتاب قطع المحرك، يشير هذا الرقم إلى الرقم التسلسلي للمحرك الذي تستخدم فيه القطعة. في كتاب قطع الآلية، يشير هذا الرقم إلى الرقم التسلسلي للآلية التي تستخدم فيها القطعة.

ПРЕДИСЛОВИЕ

При формировании заказа на детали, узлы и агрегаты, кроме их номера детали, наименования и количества, завод-изготовитель просит заказчиков информировать о серийном номере машины и двигателя, для которых делается заказ, а также показании счетчика мото-часов.

В Каталоге приведены не только стандартные агрегаты, но и дополнительные устройства и принадлежности, поставляемые по специальному заказу.

При необходимости приобретения их обратиться к местному дилеру фирмы “Комацу”.

Каталог деталей составлен, как ниже изложено:

Рисунки и таблицы деталей	При открытии Каталога на левой странице (чётной) приведен рисунок деталей устройства или агрегата. Каждая деталь обозначена номером позиции. На правой странице (нечётной) приведена таблица деталей, нарисованных на левой странице, с соответствующим номером детали, наименованием, количеством и серийными номерами машины, для которых предназначена данная деталь, в порядке возрастания номеров позиции.
FIG No. (№ рисунка)	Номер рисунка (фиг.) является собственным для данного рисунка и не является номером показанной детали. Номера рисунков (фиг.) могут быть не порядковыми.
INDEX (Указатель)	В указателе приведены номера позиции деталей на рисунке в порядке возрастания цифр.
PART No. (Номер детали)	При заказе на деталь, установленную на рисунке, следует указать номер, приведенный в данной колонне. Именно этот номер определяет каждую деталь.
DESCRIPTION (Наименование детали)	Приведено наименование детали, соответствующей выбранному номеру детали. Точка “.” поставлена перед наименованием каждой составной части устройства. Если составная часть состоит из множества деталей, то эти детали обозначаются двумя точками “..”. Например: ELEMENT ASSEMBLY, AIR CLEANER .. ELEMENT ASSEMBLY, OUTER .. ELEMENT, OUTER .. NUT, WING .. WASHER
Q'TY (Количество)	Указано количество деталей, необходимое на единицу данного устройства. Для деталей составной части устройства, а также для группы деталей указано их количество на единицу составной части или на группу.
SERIAL No. (Серийные номера)	В части двигателя приведены серийные номера двигателей, а в части шасси — серийные номера машин, в которых применена данная деталь.
Условные обозначения	Условные обозначения, применяемые в колоннах “Номер детали” и “Наименование детали”, характеризуют следующее: ☐ Вышеприведенная деталь может заменить настоящую деталь.

Условные
обозначения
(Продолжение)

●	Настоящая деталь может заменить деталь, приведенную на одну строчку выше.
◆	Настоящая деталь и деталь, приведенную на одну строчку выше, имеют взаимозаменяемость.
■	Взамен настоящей детали возможно использовать детали, приведенные в колонне "Наименование детали", в комплекте.
□	Поставка этой детали прекращена. Взамен этой детали поставляется деталь, приведенная на одну строчку выше.
▼	Поставка этой детали прекращена. Взамен этой детали поставляются детали, приведенные в колонне "Наименование детали", в комплекте.
☆	Настоящая деталь поставляется только в комплекте, а не в отдельности.
★	Настоящая деталь поставляется, как правило, только в комплекте, а не в отдельности. Ее можно достать только у отдельных дилеров фирмы "Комацу".
◎	Группа деталей. Детали не подлежат дополнительной поставке.
-----	Детали, ограниченные этой линией, составляют вышеприведенную группу деталей.
G-1, G-2	Обозначения, характеризующие отдельные группы деталей.
KIT	Составляющая комплекта. См. таблицы ремонтных комплектов.
△	Деталь, поставляемая в неготовом виде. Перед употреблением необходимо дополнительно обработать.
PAINT(1)	Детали, отгружаемые в загрунтованном виде.
PAINT(2)	Детали, отгружаемые в окрашенном в другой цвет виде.
(A)	Детали, рассчитанные на холодные районы (-30° C)
(B)	Детали, рассчитанные на особо холодные районы (-50° C)

Примечание:

Обозначение в скобках после наименования рисунка указывает отдельные модели машин. Рисунки, не имеющие особого обозначения, рассчитаны на все модели.

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021	TB45-197-A

前言

订购零件时，请注明需要零件的货号、品名、数量以及使用机器的车辆编号、发动机型号和系列号、工作时数。

此零件明细表上不仅记载有标准装备零件，还记载有选购零件、附件零件。如果您需要订货，请与最近的小松代理店联系。

为了清楚明了，零件手册中有如下规定：

图 表	打开此零件清单后， 在左侧的页上（偶数页）用图示表示按安装的装置上的零件。在图示上标有各种零件的索引号码。 在右侧的页上（奇数页）按照左侧图示上表示的零件索引号码以表格的形式 表示货号、品名、数量、适用机型。
FIG. No.	图号 (FIG.) 表示该页图的号码，它不时补充零件用的货号。同时，此号码不一定是连续号码。
INDEX	与图的索引号码一致，按索引号码顺序编制为表格形式。
PART No.	此栏所示的货号是图示零件的货号，它是在订货时需要的标明的特定代号，是非常重要的。
DESCRIPTION	它表示相当于货号的零件名称。 构成组装品的零件，在品名的前面有标记，记载在组装品之后。 另外，如果标记的零件是组装品，在该构成零件的品名前标有 .. 标记。 例如：ELEMENT ASSEMBLY, AIR CLEANER .ELEMENT ASSEMBLY, OUTER ..ELEMENT, OUTER ..NUT, WING ..WASHER
Q'TY	表示 1 台机器中需要使用的该零件数量。 但是，如果是组装零件和零件组的构成零件时，表示其组装件的件数。
SERIAL No.	发动机篇中表示该使用零件的发动机型号，在机体篇中表示该使用零件的车辆号码。
代 号	货号栏和零件品名栏里的代号如下所示： ☐ 上一行的零件可取代此行零件来使用。

代 号
(续)

□	此行零件可代替紧接着的上一行零件使用。
◆	此行零件可与紧挨着的上一行零件互换使用。
■	如果将此行零件说明栏内的零件配套后，可取代此零件来使用。
☒	该行零件已停止供应，用上一行的零件代替使用。
▼	此行零件已停止供应，将此行零件说明栏内的零件配套后代替此零件供应。
☆	此行零件拟成套供应，不以单一零件供应。
★	此行零件拟成套供应，不以单一零件供应，但特定代理除外。
⊙	成组零件，一般不考虑成组供应。
====	用这种符号包括的零件是符号上一行指明成组件的零部件。
G-1,G-2	成组零件编号。
KIT	修理包，关于修理包构件详情，请参考技术服务修理包资料。
△	此行零件以半成品的形式供应，使用前必须再加工。
PAINT(1)	只涂底漆装船。
PAINT(2)	和本体不同颜色装船。
(A)	适用寒冷地区。(- 30℃)
(B)	适用极寒冷地区。(- 50℃)

注：图名称后的（ ）中的记号表示如下机种的图。没有记号的图是所有机种通用图。

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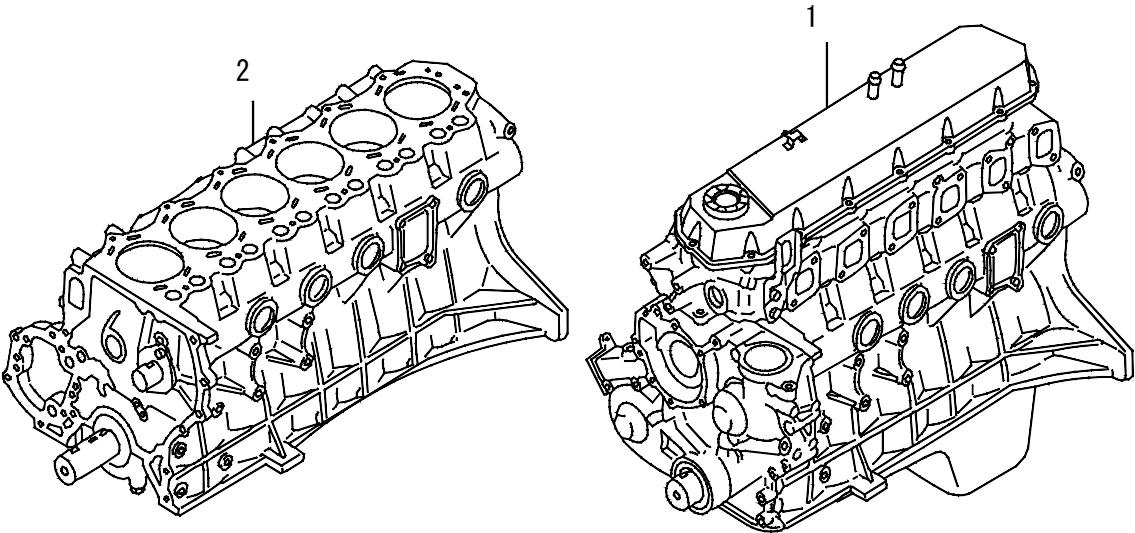
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ENGINE

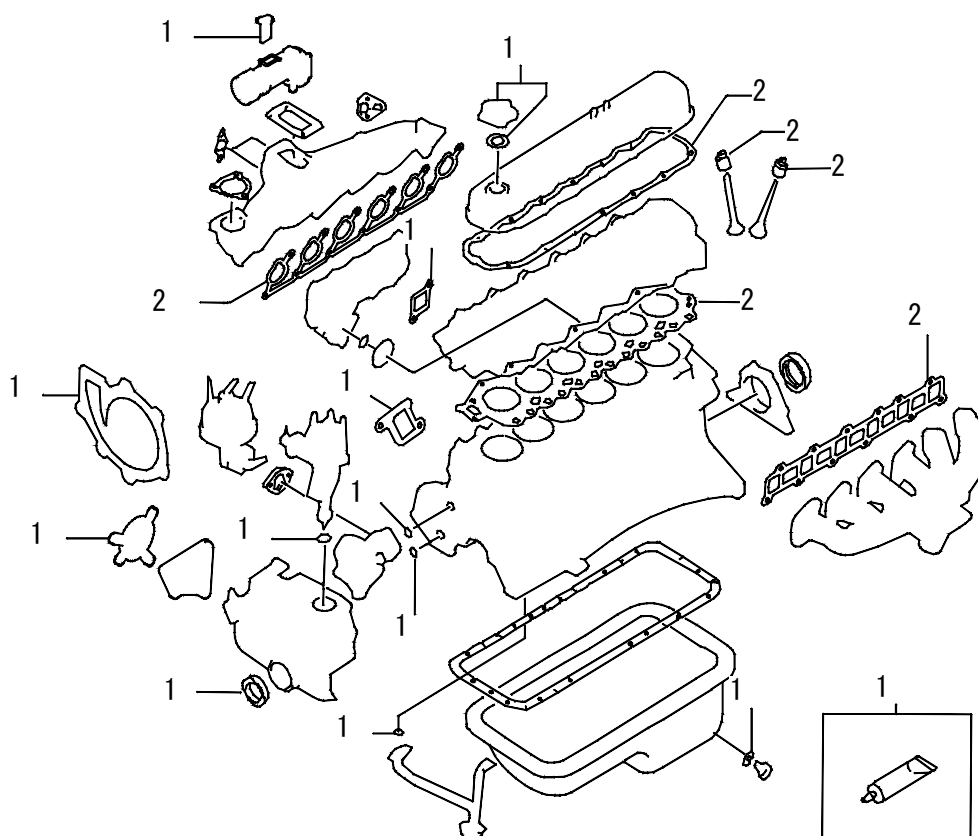
FIG. 101 BARE AND SHORT ENGINE



PYFV200

FIG NO. : 101

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	10102-GU61A	ENGINE ASS' Y, BARE.	1	099706-
2	10103-GU00A	ENGINE ASS' Y, SHORT.	1	099706-

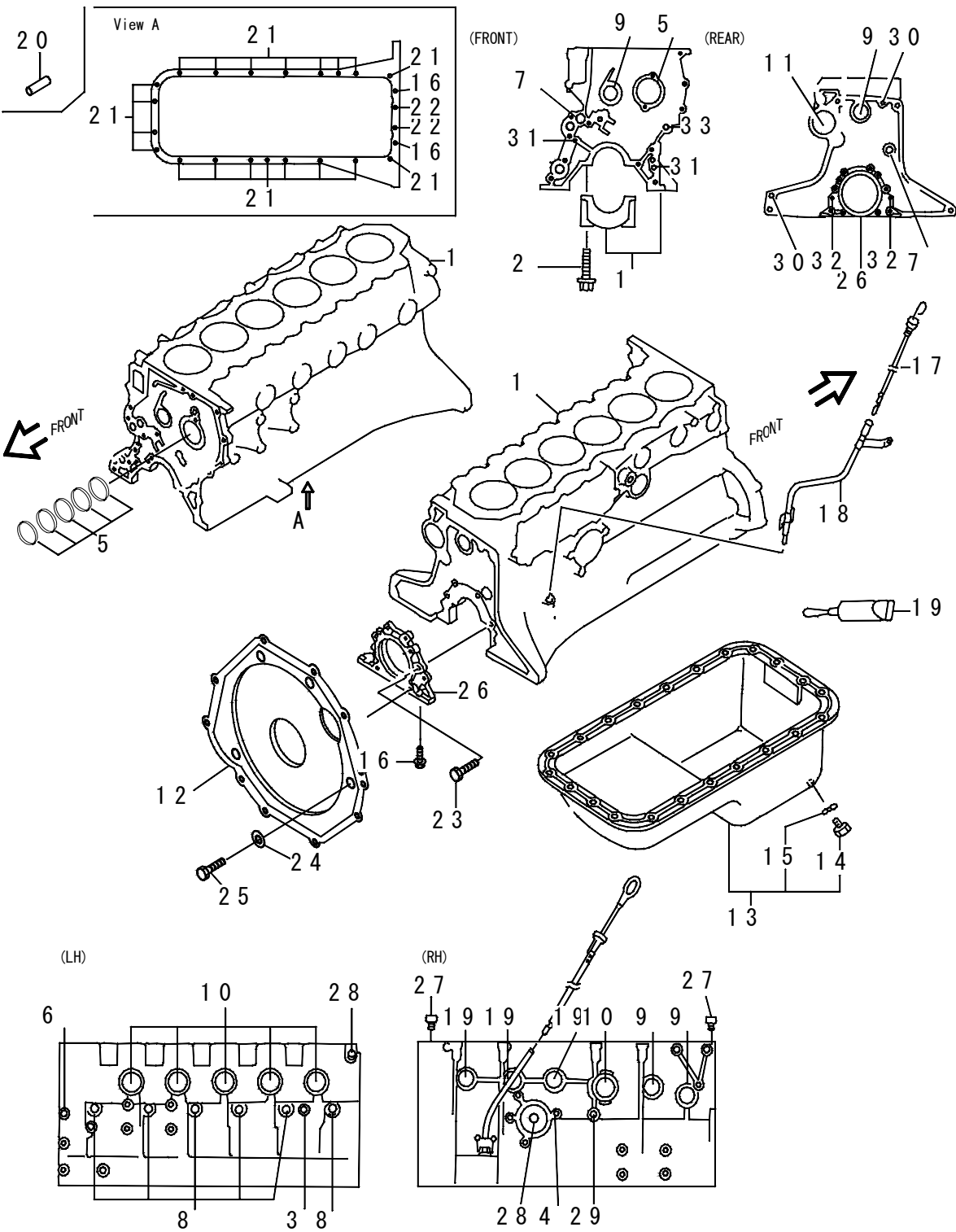


P Y F V 2 0 1

FIG NO. : 102

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	10101-GY025	GASKET KIT, ENGINE REPAIR.....	1	099706-
2	11042-GY025	GASKET KIT, VALVE REGRIND.....	1	099706-

FIG. 110 CYLINDER BLOCK AND OIL PAN

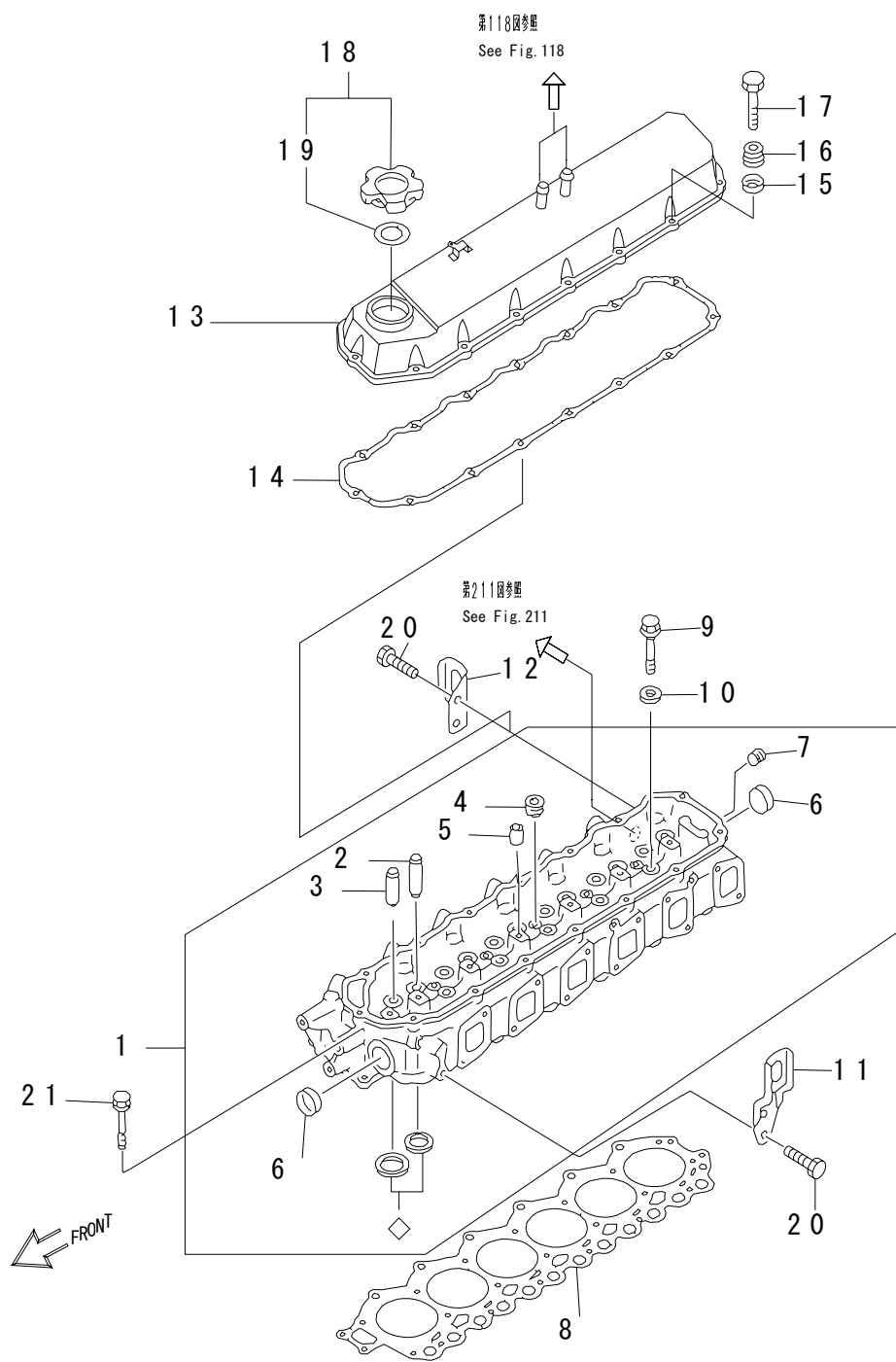


PYFV202

FIG NO. : 110

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	11010-VC001	BLOCK ASS' Y, CYLINDER.....	1	099706-
2	12293-03J00	. BOLT, MAIN BEARING CAP.....	14	099706-
3	11024-85G1A	. PLUG, TAPER, THD.....	1	099706-
4	11024-85G0A	. PLUG, TAPER, THD.....	2	099706-
5	13002-03J00	BUSHING SET..... (STD).....	1	099706-
	13003-03J00	BUSHING SET, 0. 25MM..... (US).....	1	099706-
	13003-03J10	BUSHING SET, 0. 50MM..... (US).....	1	099706-
6	NJ00933-21050	PLUG.....	1	099706-
7	NJ00933-21750	PLUG.....	2	099706-
8	NJ00933-1181A	PLUG.....	6	099706-
9	NJ00933-1351A	PLUG.....	7	099706-
10	NJ00933-1401A	PLUG.....	6	099706-
11	NJ00933-1551A	PLUG.....	1	099706-
12	12320-GY960	HOUSING, FLYWHEEL.....	1	099706-
13	11110-GY000	PAN ASS' Y, OIL.....	1	099706-
14	11128-51N00	. PLUG, DRAIN.....	1	099706-
15	11026-61000	. WASHER, DRAIN PLUG.....	1	099706-
16	11035-VB500	BOLT.....	2	099706-
17	11140-WK200	GAUGE, OIL LEVEL.....	1	099706-
18	11150-WK200	GUIDE, OIL LEVEL GAUGE.....	1	099706-
19	KP710-00150	GASKET, OIL PAN.....	AR	099706-
20	30413-61700	PIN, DOWEL.....	2	099706-
21	NJ08120-8121E	BOLT.....	20	099706-
22	NJ08120-61228	BOLT.....	2	099706-
23	NJ08120-8251E	BOLT.....	6	099706-
24	NJ08915-3421A	WASHER.....	4	099706-
25	NJ08171-2351A	BOLT.....	4	099706-
26	12296-VC200	RETAINER ASS' Y, OIL SEAL, REAR.....	1	099706-
27	11053-73400	PIN, BLOCK HEAD.....	2	099706-
28	15123-GY000	STUD, OIL FILTER.....	1	099706-
29	25240-FJ10A	SWITCH ASS' Y, OIL PRESSURE.....	1	099706-
30	30412-P5100	PIN, BLOCK TRANSMISSION.....	2	099706-
31	11046-73402	PIN, BLOCK FRONT COVER.....	2	099706-
32	NJ01522-06124	DOWEL, RETAINER.....	2	099706-
33	13081-VB000	JET, OIL, TIMING CHAIN.....	1	099706-

FIG. 111 CYLINDER HEAD AND ROCKER COVER



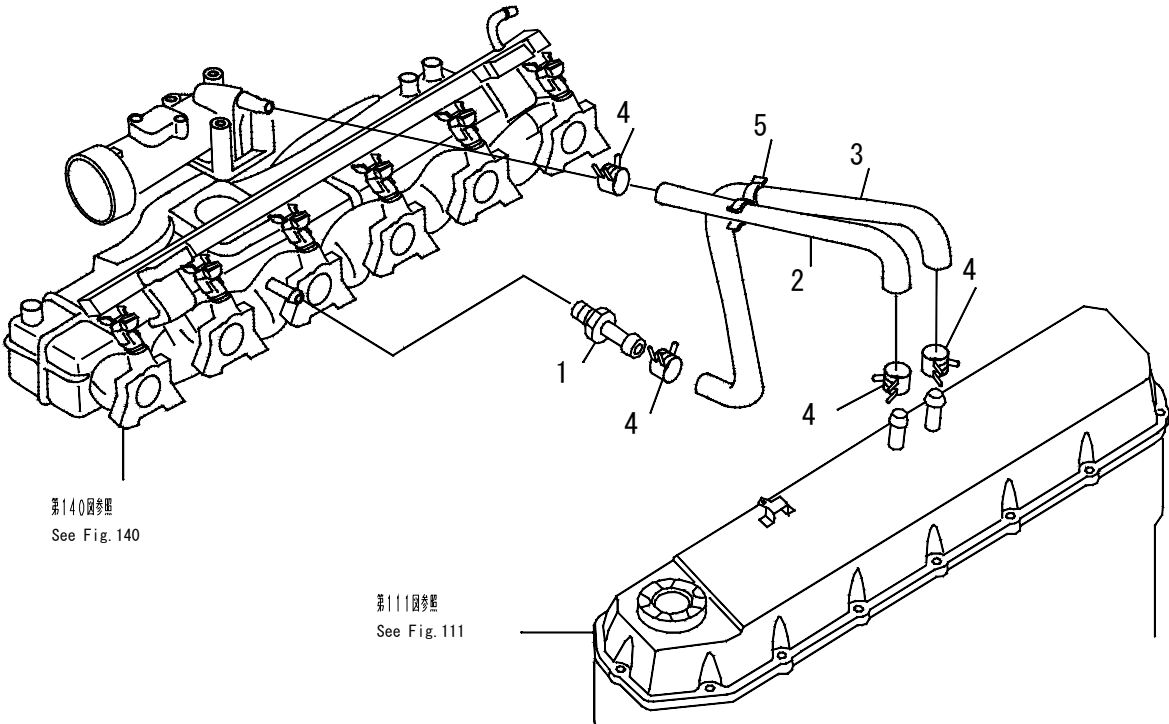
◇: Non Parts Number

PYFV203

FIG NO. : 111

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	11041-GY000	HEAD ASS' Y, CYLINDER.....	1	099706-
2	13212-VB000	. GUIDE, VALVE, INTAKE.....	6	099706-
3	13213-VB000	. GUIDE, VALVE, EXHAUST.....	6	099706-
4	11051-D0100	. PLUG, TAPER.....	5	099706-
5	11022-20100	. COLLAR, CAMSHAFT BRACKET.....	1	099706-
6	NJ00933-1401A	PLUG.....	2	099706-
7	NJ00933-20670	PLUG.....	1	099706-
8	11044-VB001	GASKET, CYLINDER HEAD.....	1	099706-
9	11056-03J00	BOLT, CYLINDER HEAD.....	26	099706-
10	11058-H1002	WASHER, PLAIN.....	26	099706-
11	10005-03J00	SLINGER, ENGINE.....	1	099706-
12	10006-03J00	SLINGER, ENGINE.....	1	099706-
13	13264-VB801	COVER ASS' Y, VALVE ROCKER.....	1	099706-
14	13270-03J00	GASKET, ROCKER COVER.....	1	099706-
15	13268-29NOA	WASHER.....	15	099706-
16	13268-D010C	TRAY, ROCKER COVER WASHER.....	15	099706-
17	NJ01411-00161	BOLT, ROCKER COVER.....	15	099706-
18	15255-40F02	CAP ASS' Y, OIL FILLER.....	1	099706-
19	15270-D0103	. PACKING, OIL FILLER CAP.....	1	099706-
20	NJ08124-0201E	BOLT.....	4	099706-
21	NJ08120-62028	BOLT.....	2	099706-

FIG. 118 CRANK CASE VENTILATION

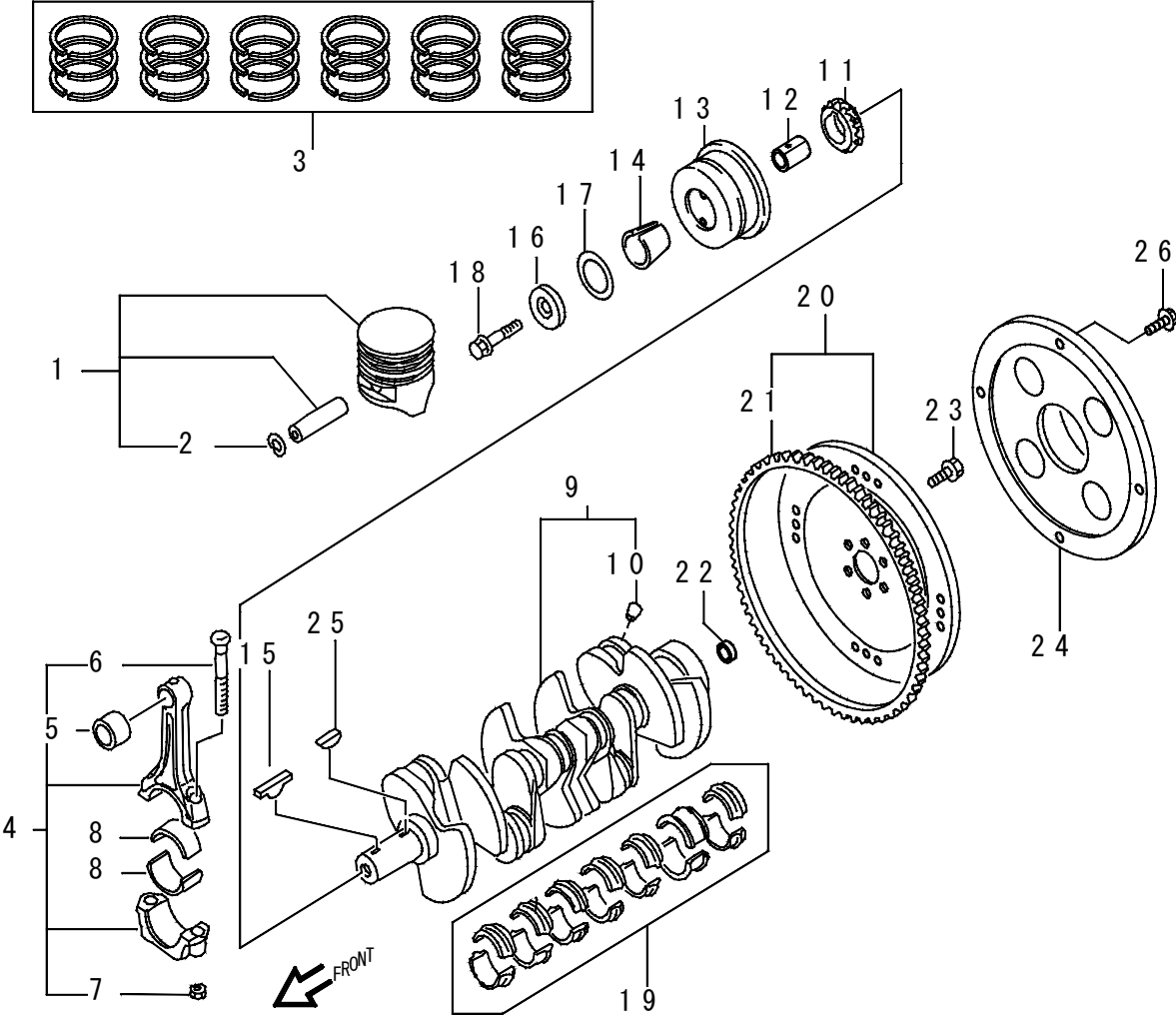


PYFV204

FIG NO. : 118

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	11810-F0502	CONTROL VALVE ASS' Y, CONTROL.....	1	099706-
2	11826-GY000	HOSE, BLOW BY, A.....	1	099706-
3	11828-GY000	HOSE, BLOW BY, B.....	1	099706-
4	16439-H720A	CLAMP, HOSE, B.....	4	099706-
5	24220-79921	CLAMP, HOSE.....	1	099706-

FIG. 120 PISTON, CRANKSHAFT AND FLYWHEEL



PYFV205

FIG NO. : 120

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	A2010-VB08B	PISTON, 0.50MM. (OS)	6	099706-
	A2010-VB00A	PISTON, GRADE 1. (STD)	6	099706-
	A2010-VB01A	PISTON, GRADE 2. (STD)	6	099706-
	A2010-VB02A	PISTON, GRADE 3. (STD)	6	099706-
	A2010-VB03A	PISTON, GRADE 4. (STD)	6	099706-
	A2010-VB04A	PISTON, GRADE 5. (STD)	6	099706-
2	12032-03J00	RING, SNAP.	12	099706-
3	12033-VC200	RING SET, PISTON. (STD)	1	099706-
	12036-VC200	RING SET, 0.50MM, PISTON. (OS)	1	099706-
	12038-VC200	RING SET, 1.00MM, PISTON. (OS)	1	099706-
4	12100-VB000	ROD COMPL, CONNECTING.	6	099706-
5	12030-03J01	BUSHING, PISTON PIN.	6	099706-
6	12109-VB000	. BOLT, CONNECTING ROD.	12	099706-
7	12112-03J00	. NUT, CONNECTING ROD.	12	099706-
8	12111-03J00	. BEARING, CONNECTING ROD. (STD)	12	099706-
	12117-03J00	BEARING, 0.25MM, CONNECTING ROD (US)	12	099706-
	12118-03J00	BEARING, 0.50MM, CONNECTING ROD (US)	12	099706-
	12119-03J00	BEARING, 0.75MM, CONNECTING ROD (US)	12	099706-
	12120-03J00	BEARING, 1.00MM, CONNECTING ROD (US)	12	099706-
9	12200-VB000	CRANKSHAFT ASS' Y.	1	099706-
10	11024-0320A	. PLUG, CRANKSHAFT OIL HOLE.	6	099706-
11	13021-WK200	SPROCKET, CRANKSHAFT.	1	099706-
12	15041-VB001	SPACER, OIL PUMP DRIVE.	1	099706-
13	12303-GU60A	PULLEY, CRANKSHAFT.	1	099706-
14	12307-GY000	WEDGE, CRANK PULLEY.	1	099706-
15	13022-GY000	KEY.	1	099706-
16	12308-GY000	WASHER, PULLEY, CRANKSHAFT.	1	099706-
17	21725-90002	O-RING.	1	099706-
18	12309-03J01	BOLT, PULLEY, CRANKSHAFT.	1	099706-
19	12207-VB000	BEARING SET. (STD)	1	099706-
	12209-VB000	BEARING SET, 0.25MM. (US)	1	099706-
	12210-VB000	BEARING SET, 0.50MM. (US)	1	099706-
	12211-VB000	BEARING SET, 0.75MM. (US)	1	099706-
	12212-VB000	BEARING SET, 1.00MM. (US)	1	099706-
20	12310-FZ060	FLYWHEEL ASS' Y.	1	099706-
21	12312-VB000	. GEAR, RING.	1	099706-
22	32202-K8460	BEARING, BALL.	1	099706-
23	12316-L2001	BOLT, FLYWHEEL.	6	099706-
24	12370-K8400	ADAPTER.	1	099706-
25	NJ00926-51600	KEY.	1	099706-
26	NJ08120-8251E	BOLT.	4	099706-

This diagram shows an exploded view of a mechanical assembly. The components are numbered as follows:

- Top Left:** A vertical stack of parts including a cap (16), a bush (18), a washer (17), a long shaft (10), a spring (12), a spring (13), a washer (14), a cap (15), and a spring (11).
- Top Right:** A horizontal assembly featuring a long shaft (1), a gear (7), a spring (3), a bracket (4), a pin (32), a bracket (2), a pin (31), a bracket (5), a pin (9), a bracket (6), and a pin (8).
- Bottom Left:** A vertical assembly with a cap (16), a bush (18), a washer (17), a long shaft (11), a spring (12), a spring (13), a washer (14), a cap (15), and a spring (11).
- Bottom Right:** A horizontal assembly with a long shaft (24), a bracket (21), a spring (28), a pin (23), a bracket (26), a pin (22), a bracket (29), a pin (25), a bracket (20), a pin (21), a bracket (30), a pin (19), a bracket (27), a pin (29), and a bracket (30).

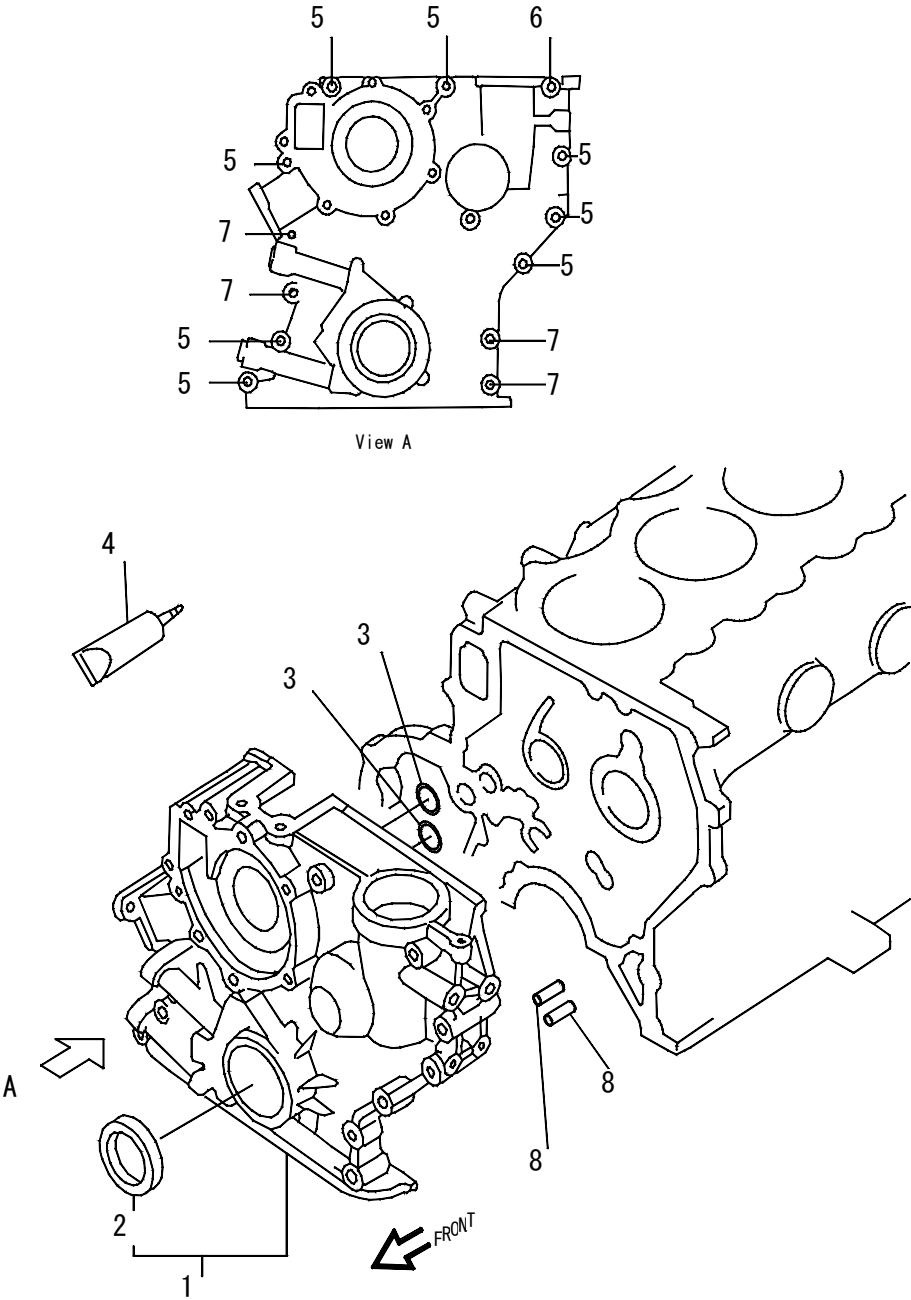
Two arrows labeled "FRONT" indicate the orientation of the assembly.

TB45-1-MC

FIG NO. : 130

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	13001-GU60A	CAMSHAFT ASS' Y.	1	099706-
2	13010-21000	PLATE, LOCATING, CAMSHAFT.	1	099706-
3	13028-VB000	CHAIN, CAMSHAFT.	1	099706-
4	13085-VB000	GUIDE, CHAIN, TENSION SIDE.	1	099706-
5	13070-VB001	TENSION, CHAIN.	1	099706-
6	13027-VB000	GEAR, DISTRIBUTOR DRIVE.	1	099706-
7	13024-VB001	SPROCKET, CAMSHAFT.	1	099706-
8	13012-VB000	BOLT, SPROCKET, CAMSHAFT.	1	099706-
9	12308-VB000	WASHER, PLAIN.	1	099706-
10	13201-VC000	VALVE, INTAKE.	6	099706-
11	13202-VC000	VALVE, EXHAUST.	6	099706-
12	13203-VB005	SPRING, VALVE (OUTER).	12	099706-
13	13204-VB005	SPRING, VALVE (INNER).	12	099706-
14	13209-85G00	RETAINER, VALVE SPRING.	12	099706-
15	13210-U0100	COLLET, VALVE SPRING.	24	099706-
16	13205-1460B	SEAT, VALVE SPRING (OUTER).	12	099706-
17	13206-2300A	SEAT, VALVE SPRING (INNER).	12	099706-
18	13207-42L00	SEAL, OIL, VALVE.	12	099706-
19	13231-VB000	LIFTER, VALVE.	12	099706-
20	13238-VB005	ROD, PUSH.	12	099706-
21	13257-03J00	ROCKER, VALVE.	12	099706-
22	13234-03J01	SCREW, ADJUST, VALVE ROCKER.	12	099706-
23	13288-H5000	NUT, LOCK, ROCKER PIVOT SCREW.	12	099706-
24	13252-VB005	SHAFT, ROCKER.	1	099706-
25	13222-VB000	BRACKET, ROCKER SHAFT.	1	099706-
26	13222-03J01	BRACKET, ROCKER SHAFT.	6	099706-
27	13222-VB002	BRACKET, ROCKER SHAFT.	1	099706-
28	13256-W0400	SPRING, ROCKER.	5	099706-
29	13255-58000	RETAINER, ROCKER SHAFT.	2	099706-
30	13289-58000	WASHER, ROCKER SHAFT.	2	099706-
31	NJ08120-63528	BOLT.	2	099706-
32	NJ08120-61628	BOLT.	4	099706-
33	NJ00926-41600	KEY.	1	099706-
34	NJ08070-85000	BOLT.	9	099706-

FIG. 135 FRONT COVER AND FITTING



PYFV207

FIG NO. : 135

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	13500-GY000	COVER ASS' Y, FRONT.....	1	099706-
2	13510-52H00	. SEAL, OIL CRANKSHAFT FRONT.....	1	099706-
3	15066-03J00	GASKET, OIL PUMP CYLINDER BLOCK.....	2	099706-
4	KP710-00150	GASKET, F. I. P.....	AR	099706-
5	NJ08120-8651E	BOLT.....	8	099706-
6	NJ08120-8801E	BOLT.....	1	099706-
7	NJ08120-8351E	BOLT.....	4	099706-
8	NJ08223-81610	STUD.....	2	099706-

FIG. 140 MANIFOLD

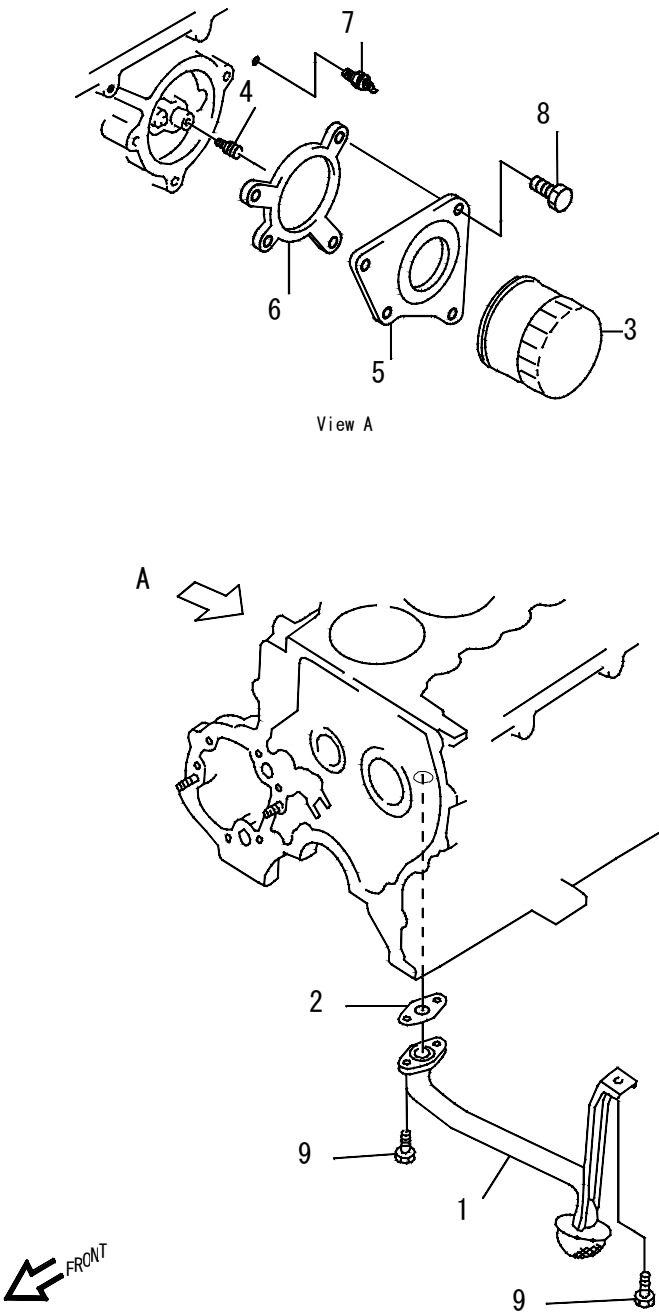


P Y F V 2 0 8

FIG NO. : 140

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	14001-GY000	MANIFOLD ASS' Y, INTAKE.....	1	099706-
	14001-GY010	MANIFOLD ASS' Y, INTAKE.....	1	099706-
2	14035-VC001	GASKET, MANIFOLD.....	1	099706-
3	14004-37J05	MANIFOLD, EXHAUST.....	1	099706-
4	14036-03J00	GASKET, EXHAUST MANIFOLD, A.....	1	099706-
5	14416-VB300	STUD.....	3	099706-
6	20691-01P80	GASKET, EXHAUST TUBE.....	1	099706-
7	20602-41G0A	NUT, EXHAUST TUBE.....	3	099706-
8	20020-GU60A	TUBE ASS' Y.....	1	099706-
9	14064-N4200	. STUD, EXHAUST TUBE FIX.....	2	099706-
10	24210-GU60A	CLAMP.....	1	099706-
11	14037-42L01	YOKE, MANIFOLD.....	12	099706-
12	16590-VB000	COVER, EXHAUST MANIFOLD.....	1	099706-
13	16590-GU60A	COVER, EXHAUST MANIFOLD.....	1	099706-
14	22690-GU60A	SENSOR, HEATED OXYGEN.....	1	099706-
15	20607-P6500	NUT.....	1	099706-
16	NJ08931-3081A	PLUG.....	2	099706-
17	NJ08931-3041A	PLUG.....	2	099706-
18	NJ00933-1251A	PLUG.....	2	099706-
19	NJ08223-82810	STUD.....	3	099706-
20	NJ08156-8301E	BOLT.....	9	099706-
21	NJ08120-61233	BOLT.....	7	099706-
22	NJ08267-03510	STUD.....	12	099706-

FIG. 150 LUBRICATING SYSTEM

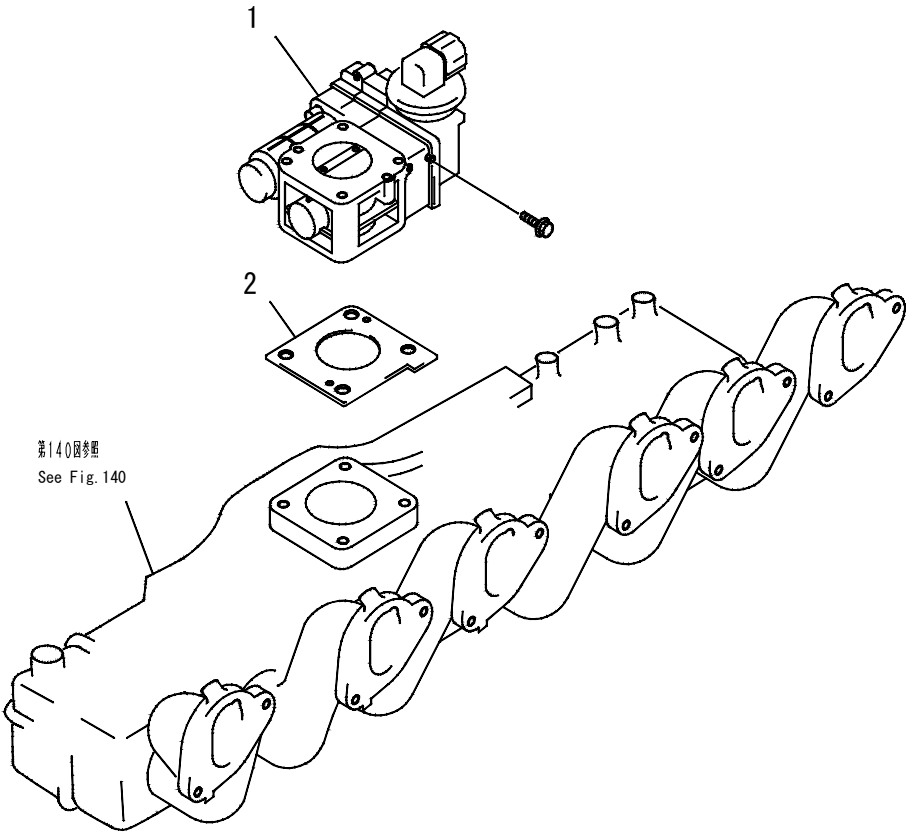


PYFV209

FIG NO. : 150

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	15050-GY000	STRAINER OIL.....	1	099706-
2	15053-VB000	SEAL, OIL STRAINER.....	1	099706-
3	15208-31U0A	ELEMENT, OIL FILTER.....	1	099706-
4	15213-GY000	STUD.....	1	099706-
5	15238-GY000	BRACKET, OIL FILTER.....	1	099706-
6	15239-VB001	GASKET, OIL FILTER.....	1	099706-
7	25240-FJ10A	SWITCH ASS'Y, OIL PRESSURE.....	1	099706-
8	NJ08120-8301E	BOLT.....	4	099706-
9	NJ08120-8201F	BOLT.....	3	099706-

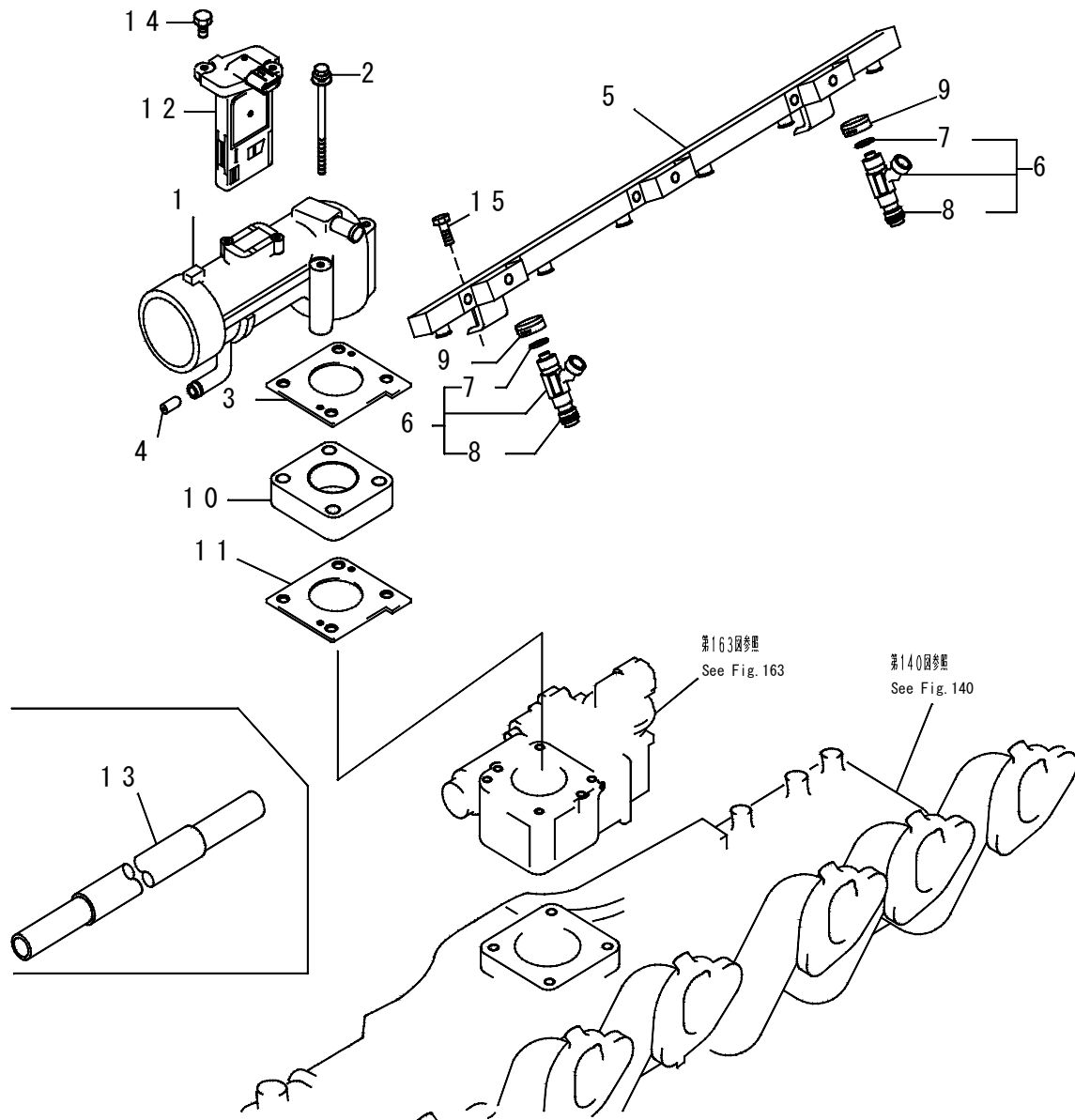
FIG. 163 THROTTLE CHAMBER



PYFV210

FIG NO. : 163

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	16119-FU46B	CHAMBER ASS' Y, THROTTLE.....	1	099706-
2	16175-FU460	GASKET, THROTTLE CHAMBER.....	1	099706-



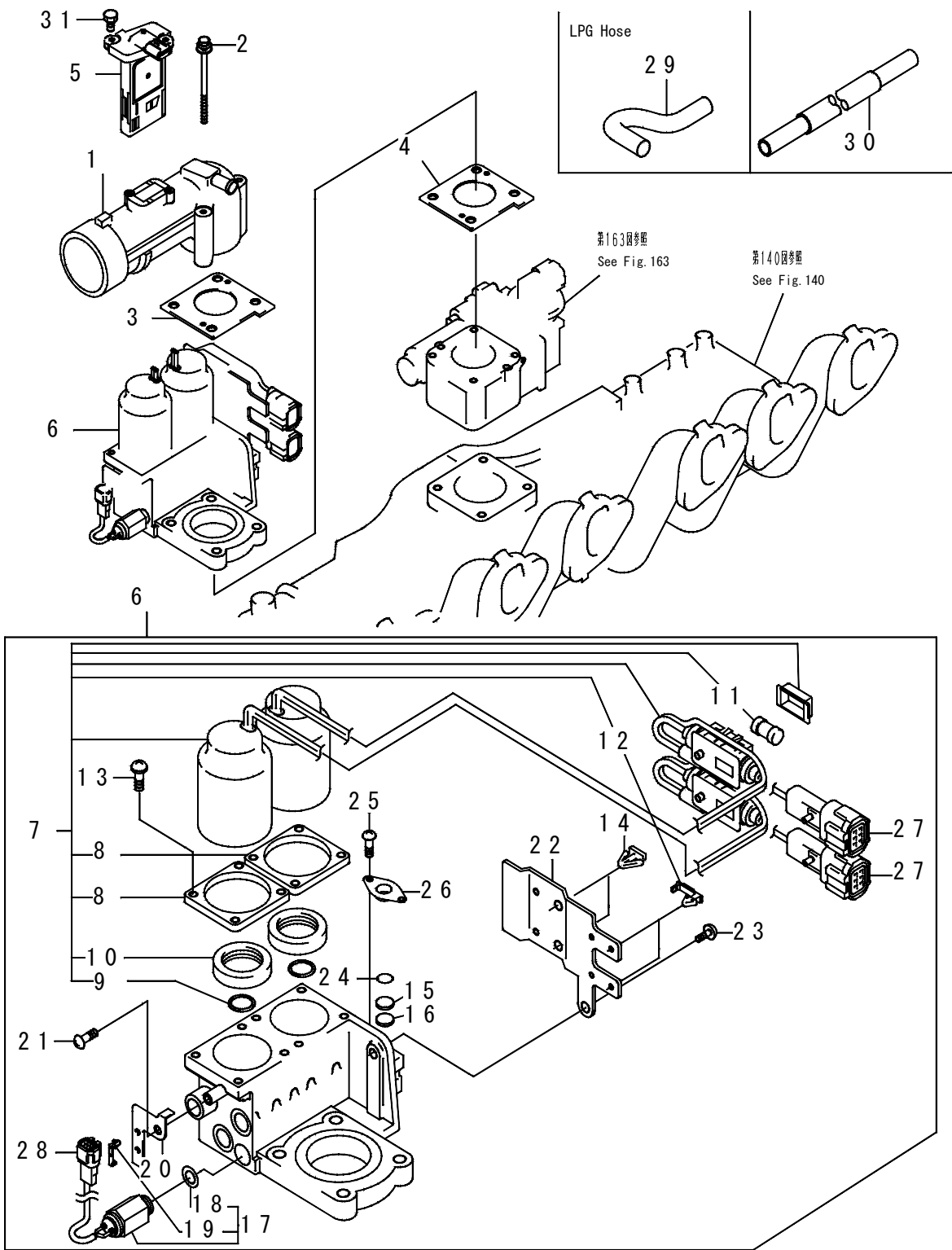
P Y F V 2 1 1

FIG NO. : 164A

(TB45-191-A)

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	16267-GU60A	HORN ASS' Y, AIR, CARB.....	1	099706-
2	14069-GY000	BOLT, HEX, W/WAVE.....	4	099706-
3	16175-FU460	GASKET, THROTTLE CHAMBER.....	1	099706-
4	16599-N3600	CAP.....	1	099706-
5	17520-GY001	TUBE, FUEL.....	1	099706-
6	16600-GU61A	INJECTOR ASS' Y, FUEL.....	6	099706-
7	16618-5L300	. O-RING.....	6	099706-
8	16618-FU460	. O-RING.....	6	099706-
9	17571-5L30A	CLIP.....	6	099706-
10	16270-GY000	SPACER, AIR HORN.....	1	099706-
11	16175-FU460	GASKET, THROTTLE CHAMBER.....	1	099706-
12	22680-7S000	AIR FLOW METER.....	1	099706-
13	NJ08740-25036	HOSE, FUEL.....	1	099706-
14	NJ08340-4082A	SCREW.....	2	099706-
15	NJ08120-8161E	BOLT.....	2	099706-

FIG. 164B FUEL STRAINER AND FUEL HOSE (LPG)



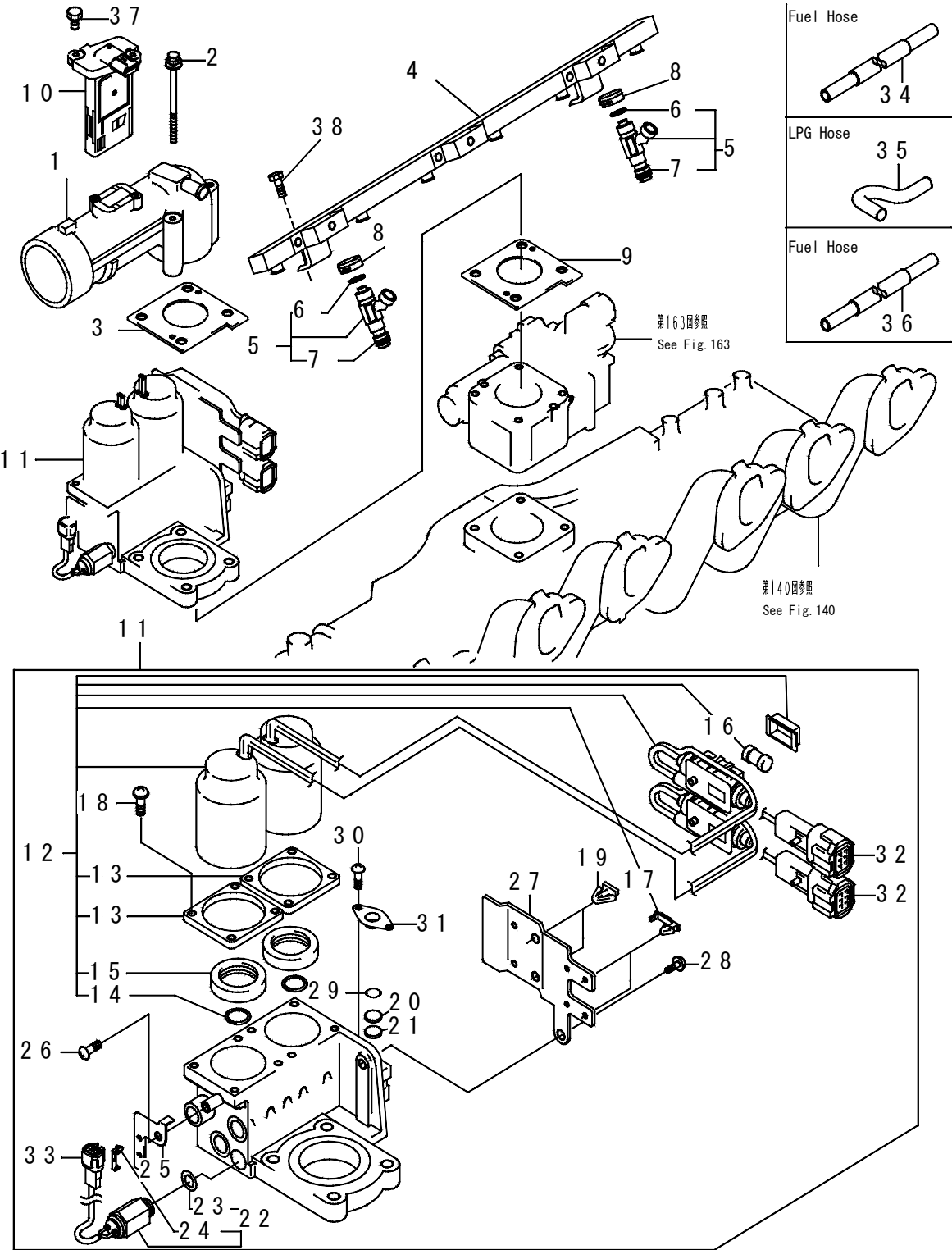
PYFV212

FIG NO. : 164B

(TB45-194-A)

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	16267-GU60A	HORN ASS'Y, AIR, CARB.....	1	099706-
2	14069-GY000	BOLT, HEX, W/WAVE.....	4	099706-
3	16175-FU460	GASKET, THROTTLE CHAMBER.....	1	099706-
4	16175-FU460	GASKET, THROTTLE CHAMBER.....	1	099706-
5	22680-7S000	AIR FLOW METER.....	1	099706-
6	16610-GU70B	HOLDER ASS'Y, INJECTOR.....	1	099706-
7	16600-GS17A	. INJECTOR, COMPLETE.....	2	099706-
8	16290-GS07A	. PLATE, INJECTOR.....	2	099706-
9	16349-VS002	. O-RING.....	2	099706-
10	16349-VS001	. SEAL.....	2	099706-
11	24319-C9905	. FUSE, 5A.....	2	099706-
12	24346-VS000	. CLIP, ANCHOR.....	1	099706-
13	16065-FU460	. SCREW.....	8	099706-
14	16277-FU461	. CLIP, FUSE.....	2	099706-
15	16098-GS07A	. FILTER, INJECTOR HOLDER.....	1	099706-
16	16156-GS07A	. CLIP.....	1	099706-
17	16197-FU46A	. SOLENOID ASS'Y.....	1	099706-
18	16094-B8500	. GASKET.....	1	099706-
19	24346-VS000	. CLIP, ANCHOR.....	1	099706-
20	24236-GY010	. PLATE, CONNECTOR.....	1	099706-
21	16065-0H602	. SCREW.....	2	099706-
22	24230-GY010	. BRACKET.....	1	099706-
23	16016-85G01	. SCREW.....	2	099706-
24	16618-GX11A	. O-RING.....	1	099706-
25	16214-A8800	. SCREW.....	2	099706-
26	16291-GU70A	. PLATE.....	1	099706-
27	24341-10Y03	. CONNECTOR KIT.....	2	099706-
28	24341-10Y01	. CONNECTOR KIT.....	1	099706-
29	17527-GQ90A	HOSE, LPG.....	1	099706-
30	NJ02187-35403	HOSE.....	1	099706-
31	NJ08340-4082A	SCREW.....	2	099706-

FIG. 164C FUEL STRAINER AND FUEL HOSE (DUAL)



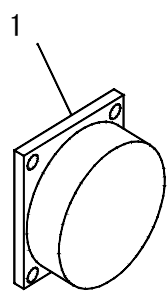
PYFV213

FIG NO. : 164C

(TB45-197-A)

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	16267-GU60A	HORN ASS' Y, AIR, CARB.	1	099706-
2	14069-GY000	BOLT, HEX, W/WAVE.	4	099706-
3	16175-FU460	GASKET, THROTTLE CHAMBER.	1	099706-
4	17520-GY001	TUBE, FUEL.	1	099706-
5	16600-GU61A	INJECTOR ASS' Y, FUEL.	6	099706-
6	16618-5L300	. O-RING, SEAL.	6	099706-
7	16618-FU460	. O-RING, SEAL.	6	099706-
8	17571-5L30A	CLIP.	6	099706-
9	16175-FU460	GASKET, THROTTLE CHAMBER.	1	099706-
10	22680-7S000	AIR FLOW METER.	1	099706-
11	16610-GU70B	HOLDER ASS' Y, INJECTOR.	1	099706-
12	16600-GS17A	. INJECTOR, COMPLETE.	2	099706-
13	16290-GS07A	. . PLATE, INJECTOR.	2	099706-
14	16349-VS002	. . O-RING.	2	099706-
15	16349-VS001	. . SEAL.	2	099706-
16	24319-C9905	. . FUSE, 5A.	2	099706-
17	24346-VS000	. . CLIP, ANCHOR.	1	099706-
18	16065-FU460	. SCREW.	8	099706-
19	16277-FU461	. CLIP, FUSE.	2	099706-
20	16098-GS07A	. FILTER, INJECTOR HOLDER.	1	099706-
21	16156-GS07A	. CLIP.	1	099706-
22	16197-FU46A	. SOLENOID ASS' Y.	1	099706-
23	16094-B8500	. . GASKET.	1	099706-
24	24346-VS000	. . CLIP, ANCHOR.	1	099706-
25	24236-GY010	. PLATE, CONNECTOR.	1	099706-
26	16065-OH602	. SCREW.	2	099706-
27	24230-GY010	. BRACKET.	1	099706-
28	16016-85G01	. SCREW.	2	099706-
29	16618-GX11A	. O-RING.	1	099706-
30	16214-A8800	. SCREW.	2	099706-
31	16291-GU70A	. PLATE.	1	099706-
32	24341-10Y03	. CONNECTOR KIT.	2	099706-
33	24341-10Y01	. CONNECTOR KIT.	1	099706-
34	NJ08740-25036	HOSE, FUEL.	1	099706-
35	17527-GQ90A	HOSE, LPG.	1	099706-
36	NJ02187-35403	HOSE, FUEL.	1	099706-
37	NJ08340-4082A	SCREW.	2	099706-
38	NJ08120-8161E	BOLT.	2	099706-

FIG. 180 ACCELERATOR LINKAGE

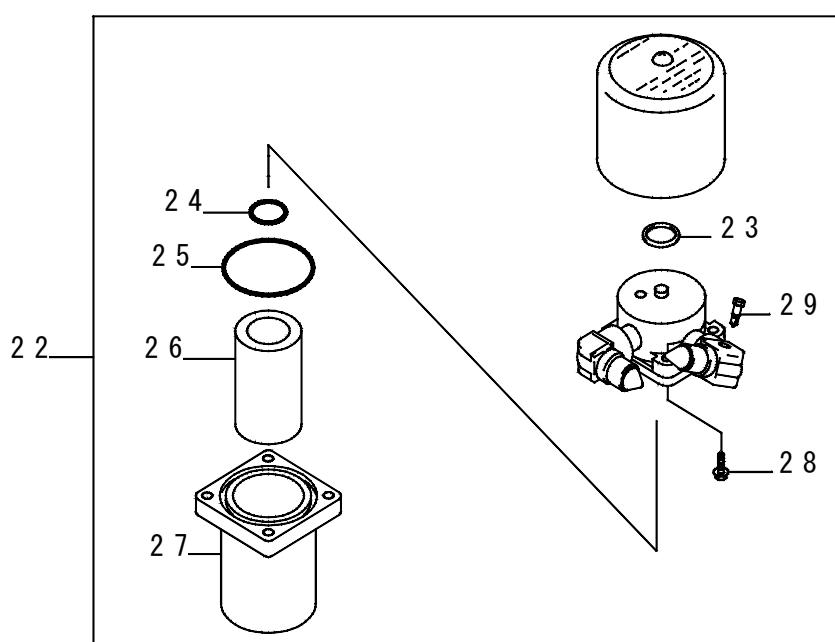
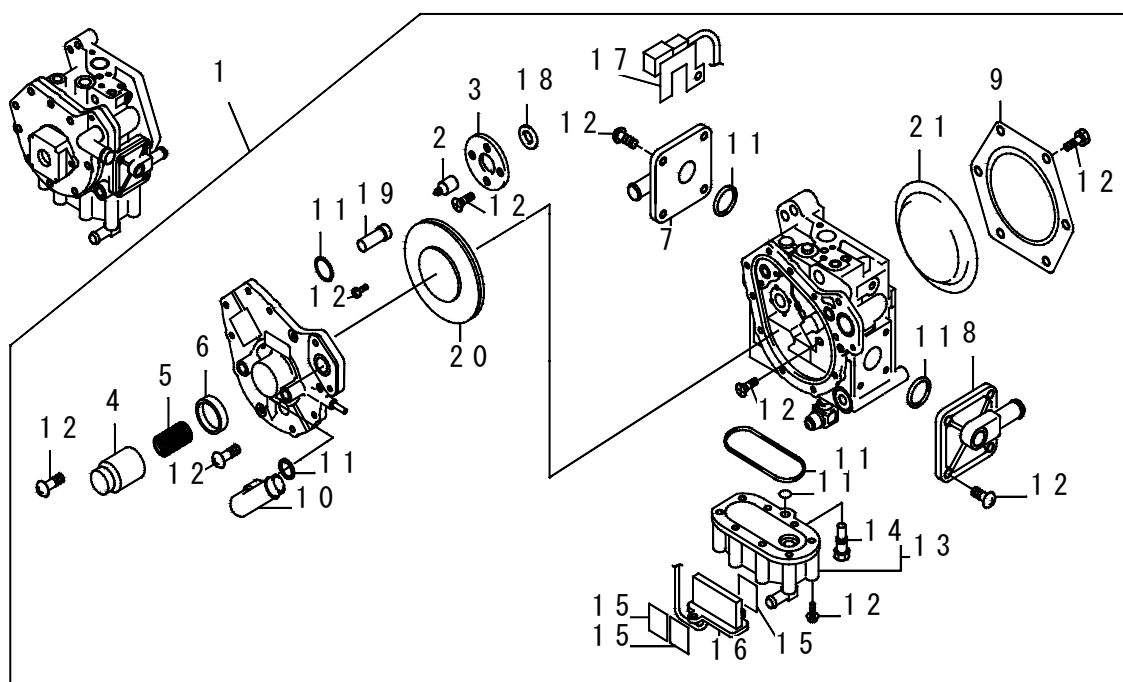


P Y F V 2 1 4

FIG NO. : 180

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	18919-AM810	ACCELERATOR, UNIT.....	1	099706-

FIG. 195 VAPORIZER

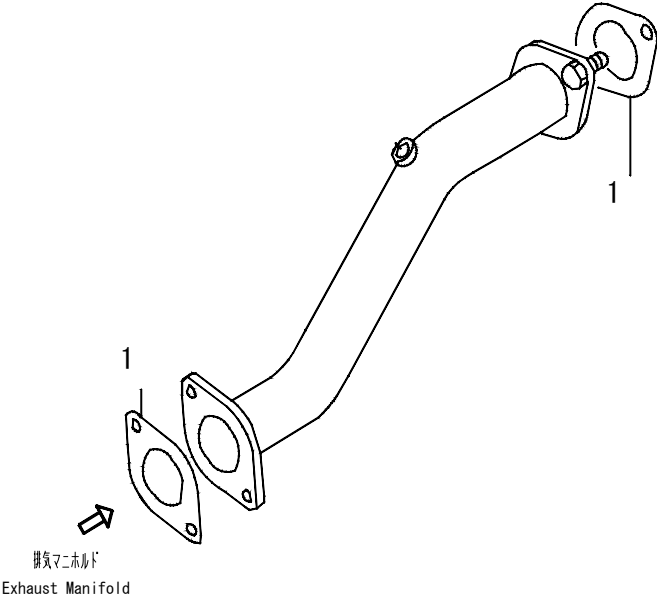


P Y F V 2 1 5

FIG NO. : 195

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	16310-GQ91A	VAPORIZER ASS' Y, LPG.	1	099706-
2	16388-FU460	. ROD, BALANCE.	1	099706-
3	16237-FU460	. PLATE, BALANCE.	1	099706-
4	16379-FU460	. SCREW, ADJUST.	1	099706-
5	17052-FU460	. SPRING, 1ST DIAPHRAGM.	1	099706-
6	16214-16811	. NUT, HEXAGON LOCK.	1	099706-
7	16389-FU460	. COVER, THERMO.	1	099706-
8	16389-4K300	. COVER.	1	099706-
9	16375-FU460	. COVER, REGULATOR.	1	099706-
10	16356-FU460	. PIPE, FUEL OUT.	1	099706-
11	16328-FU46A	. O-RING KIT.	1	099706-
12	16065-GS04A	. SCREW KIT.	1	099706-
13	17959-FU460	. COVER ASS' Y, VAPA, LPG.	1	099706-
14	17958-16811	. . PLUG, DRAIN.	1	099706-
15	16394-FU460	. PLATE.	3	099706-
16	16563-FU460	. CASE.	1	099706-
17	16454-FU460	. PLATE.	1	099706-
18	17053-FU460	. . DIAPHRAGM.	1	099706-
19	17962-FU460	. . VALVE COMPLETE, 1ST.	1	099706-
20	17960-GU60A	. . DIAPHRAGM ASS' Y, 1ST.	1	099706-
21	17054-FU460	. . DIAPHRAGM.	1	099706-
22	17904-GQ90A	VALVE ASS' Y, SOL.	1	099706-
23	17937-Y4410	. O-RING.	1	099706-
24	16349-18V00	. O-RING.	1	099706-
25	17937-Y4400	. O-RING.	1	099706-
26	16919-W1602	. FILTER ASS' Y.	1	099706-
27	16125-Y4400	. CHAMBER, FILTER.	1	099706-
28	16163-Y4403	. BOLT, WITH SPRING WASHER.	4	099706-
29	17958-16811	. PLUG.	1	099706-

FIG. 200 EXHAUST

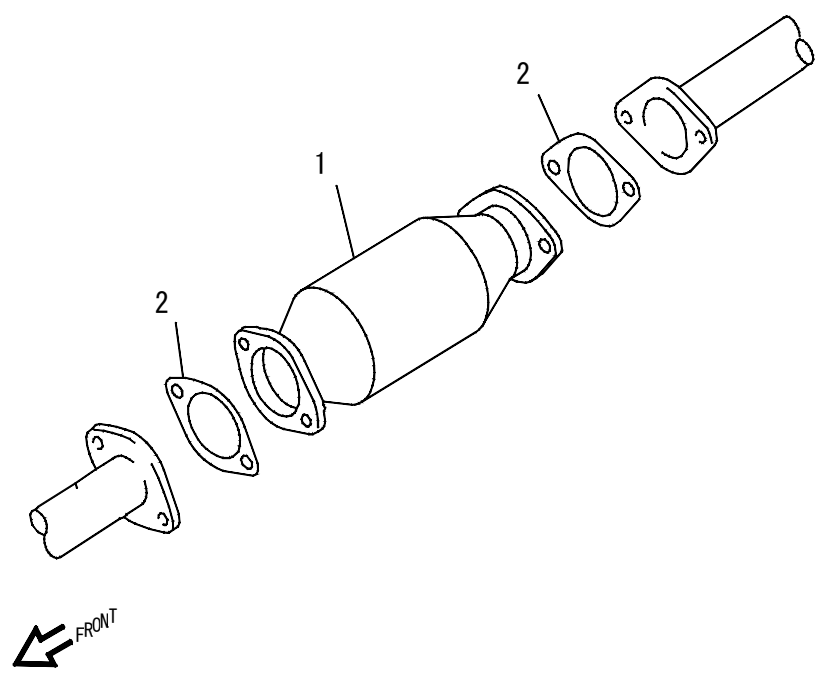


P Y F V 2 1 6

FIG NO. : 200

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	20692-1E810	GASKET, EXHAUST.	1	099706-

FIG. 208 CATALYST CONVERTER

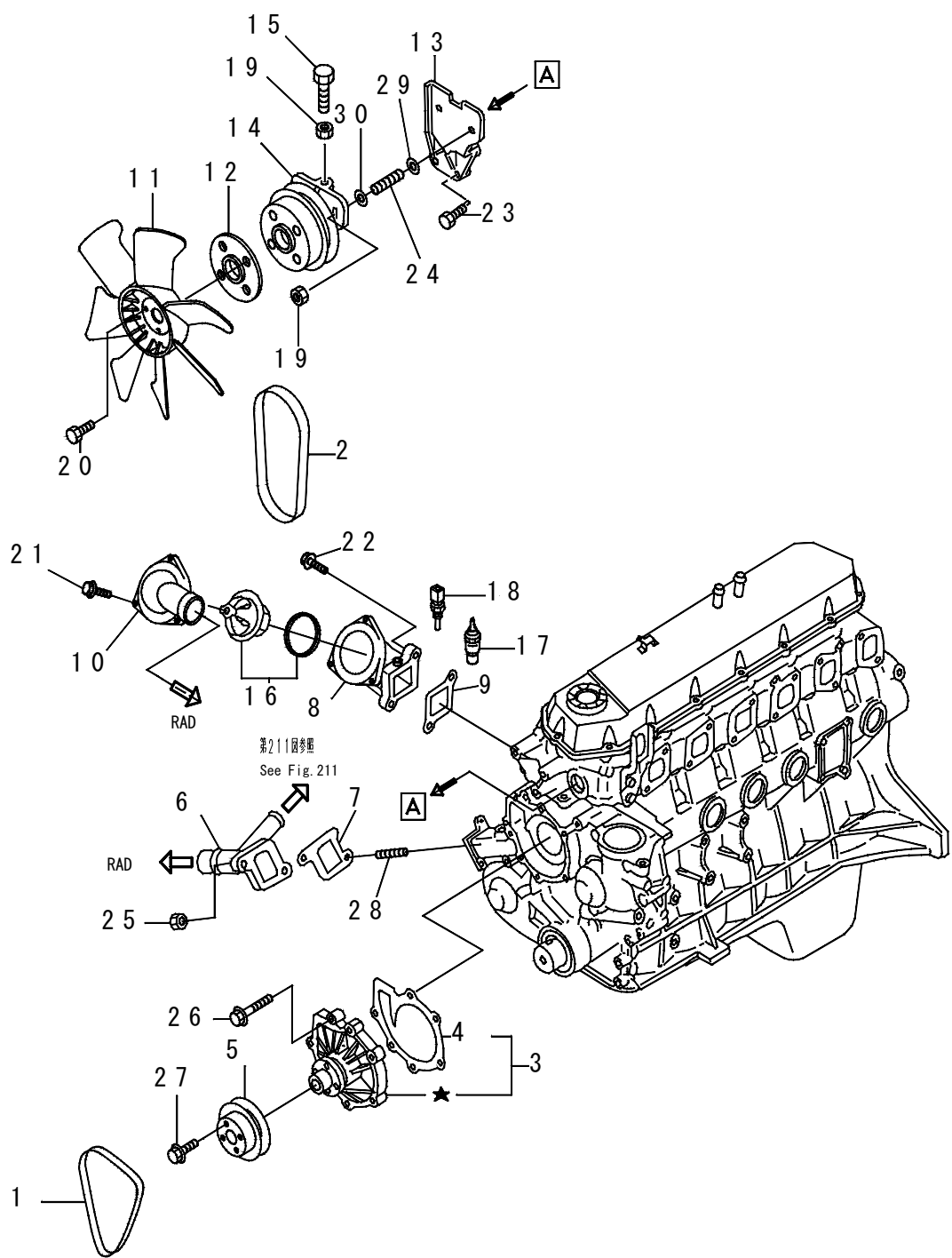


PYFV217

FIG NO. : 208

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	20800-DA010	CATALYST, THREE WAY.	1	099706-
2	20692-65J00	GASKET, CATALYST CONVERTER.	2	099706-

FIG. 210 WATER PUMP AND FAN

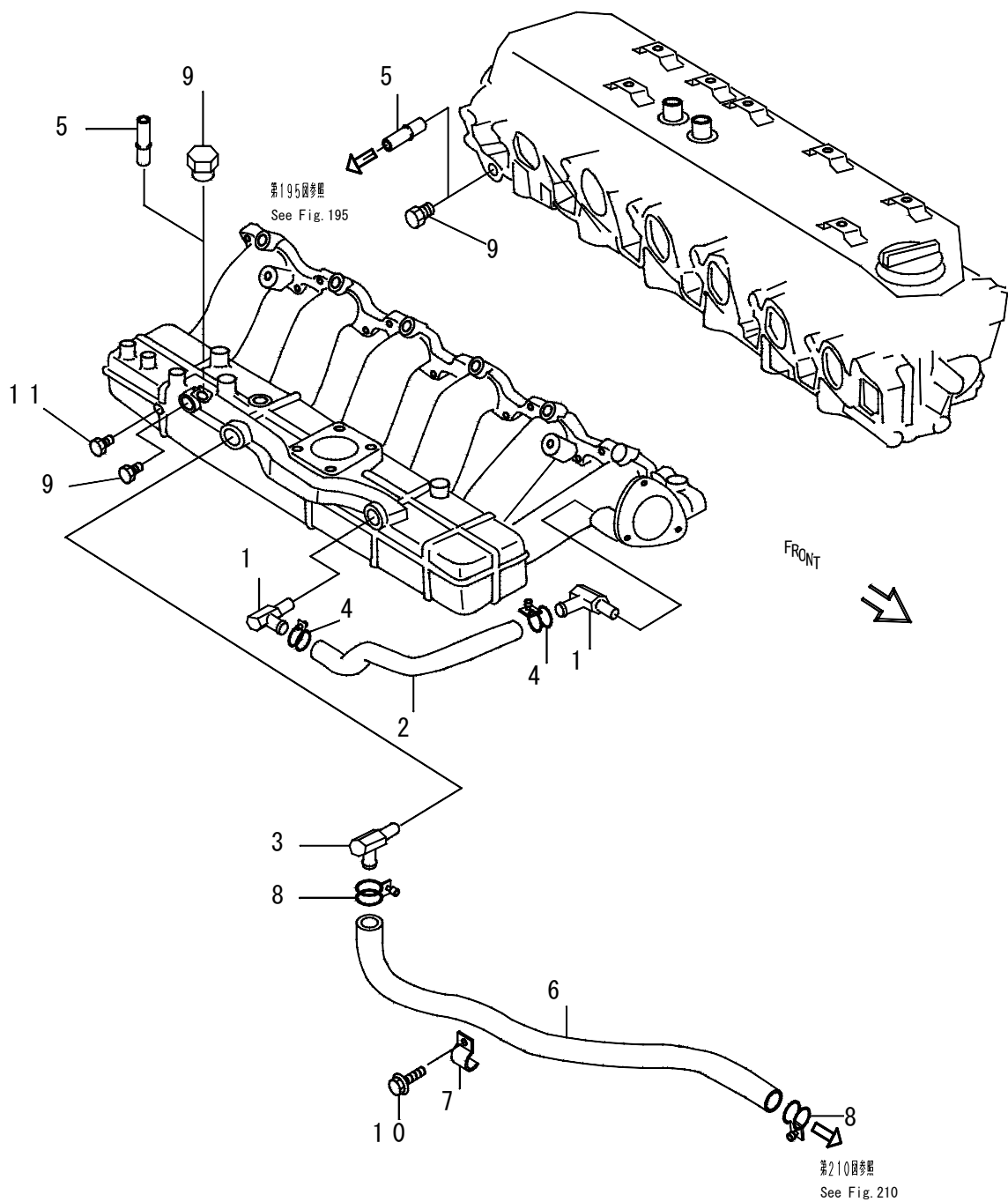


PYFV218

FIG NO. : 210

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	NJ02117-13023	BELT, L=1130.	1	099706-
2	11720-52H05	BELT, ALTERNATOR, L=1245.	1	099706-
3	21010-VB00J	PUMP ASS' Y, WATER.	1	099706-
4	21014-VB000	. GASKET, WATER PUMP.	1	099706-
5	21051-GU60A	PULLEY, FAN AND WATER PUMP.	1	099706-
6	13049-VB000	INLET, WATER.	1	099706-
7	13050-VB000	GASKET, WATER INLET.	1	099706-
8	11061-VB003	HOUSING, THERMO.	1	099706-
9	11072-VB000	GASKET, THERMOSTAT HOUSING.	1	099706-
10	11060-GY000	OUTLET, WATER.	1	099706-
11	21060-4K000	FAN, COOLING.	1	099706-
12	21064-K8460	SPACER, 10. OMM, FAN.	1	099706-
13	21114-4K300	BRACKET, FAN.	1	099706-
14	21111-GY960	BEARING ASS' Y, FAN DRIVE.	1	099706-
15	21117-K7206	BOLT, ADJUST FAN BELT.	1	099706-
16	21200-VB002	THERMOSTAT ASS' Y.	1	099706-
17	25080-89903	GAUGE ASS' Y.	1	099706-
18	22630-44B20	SENSOR.	1	099706-
19	NJ08911-1081A	NUT.	4	099706-
20	NJ08121-0301E	BOLT.	4	099706-
21	NJ08120-8351E	BOLT.	3	099706-
22	NJ08156-8301E	BOLT.	2	099706-
23	NJ08124-0351E	BOLT.	3	099706-
24	NJ08224-82210	STUD.	2	099706-
25	NJ08918-3081A	NUT.	2	099706-
26	NJ08120-8301F	BOLT.	7	099706-
27	NJ081A0-6121A	BOLT.	4	099706-
28	NJ08223-81610	STUD.	2	099706-
29	NJ08915-5381A	WASHER.	2	099706-
30	NJ08915-1381A	WASHER.	2	099706-

FIG. 211 WATER PIPING AND THERMOSTAT

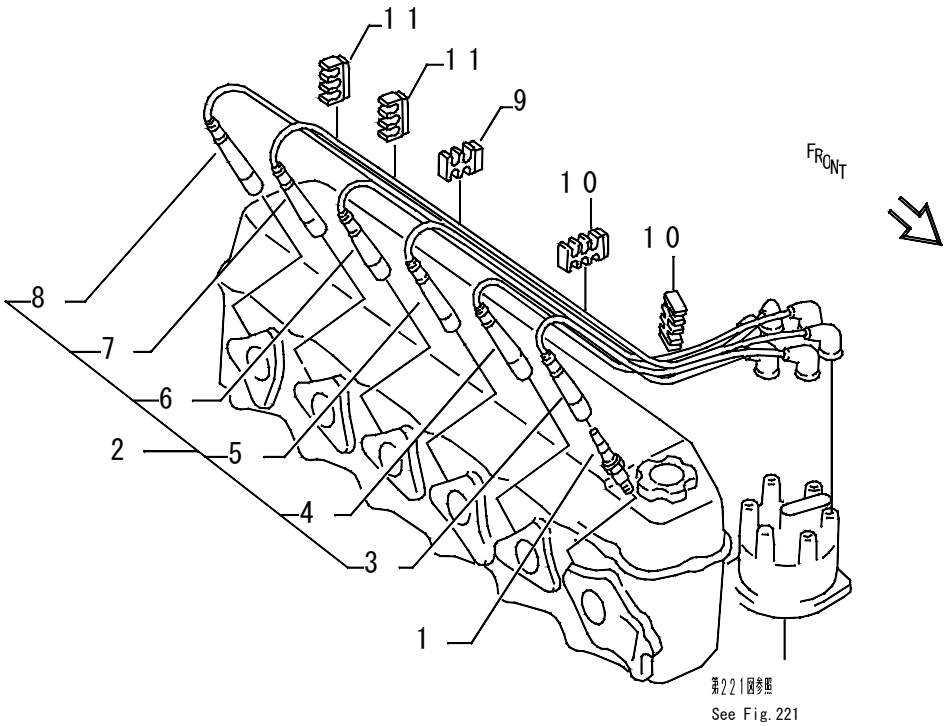


PYFV219

FIG NO. : 211

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	14075-VC000	CONNECTOR, WATER HOSE.	2	099706-
2	14055-GY000	HOSE, WATER.	1	099706-
3	14075-GY000	CONNECTOR, WATER.	1	099706-
4	NJ01555-00881	CLAMP, HOSE.	2	099706-
5	14875-W1301	CONNECTOR ASS' Y, HEATER.	2	099706-
6	14055-GY960	HOSE, WATER.	1	099706-
7	14057-GY000	BAND.	1	099706-
8	NJ01555-01161	CLAMP, HOSE.	2	099706-
9	NJ08931-3081A	PLUG.	3	099706-
10	NJ08120-8161E	BOLT.	1	099706-
11	NJ08931-3041A	PLUG.	1	099706-

FIG. 220 IGNITION SYSTEM

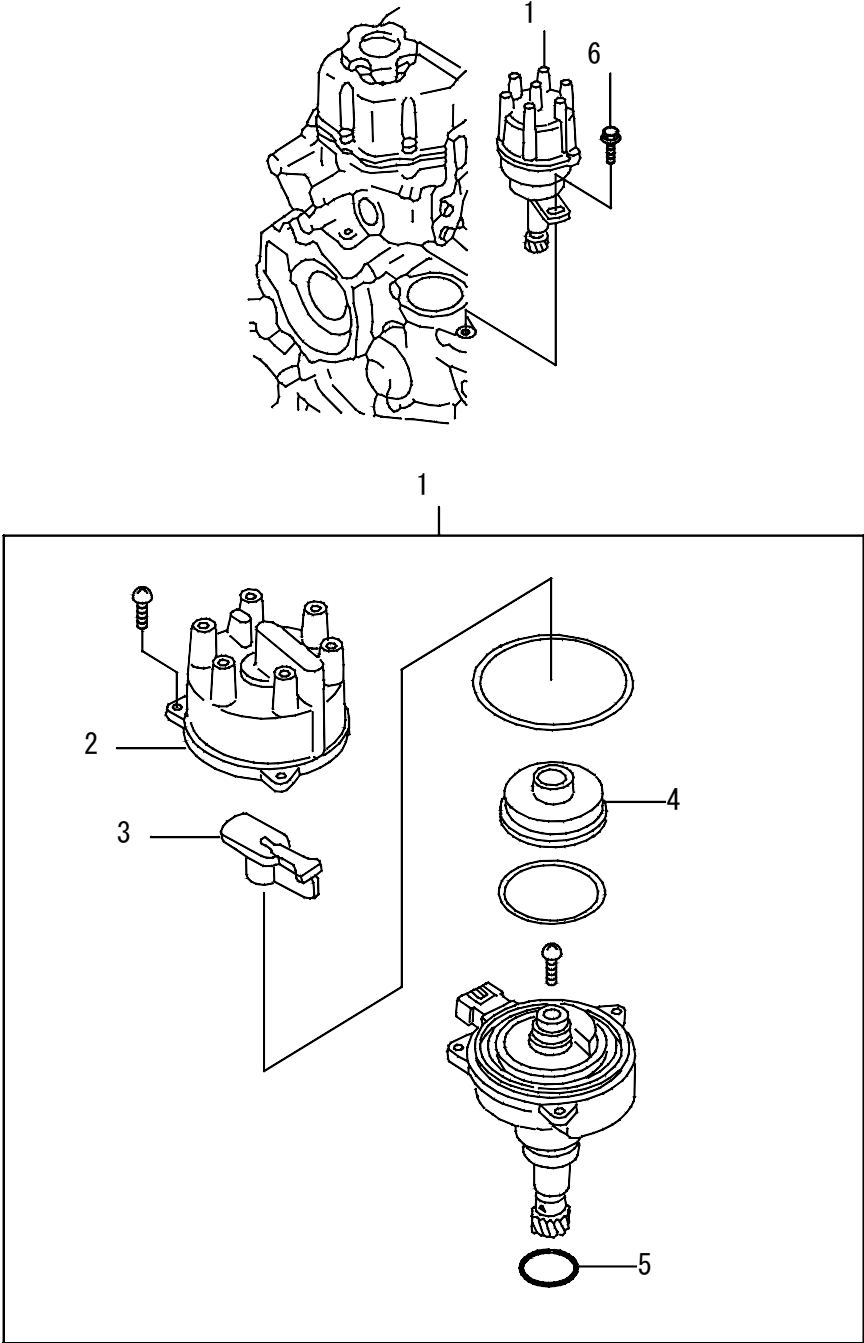


PYFV220

FIG NO. : 220

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	22401-GU61A	PLUG, SPARK.	6	099706-
2	22440-VB010	CABLE SET, HIGH TENSION.	1	099706-
3	22451-VB010	. CABLE ASS' Y, HIGH TENSION, NO1.	1	099706-
4	22452-37J10	. CABLE ASS' Y, HIGH TENSION, NO2.	1	099706-
5	22453-37J10	. CABLE ASS' Y, HIGH TENSION, NO3.	1	099706-
6	22454-VB010	. CABLE ASS' Y, HIGH TENSION, NO4.	1	099706-
7	22455-VB010	. CABLE ASS' Y, HIGH TENSION, NO5.	1	099706-
8	22456-37J10	. CABLE ASS' Y, HIGH TENSION, NO6.	1	099706-
9	22472-01N00	CLAMP, HIGH TENSION CABLE.	1	099706-
10	22472-03J00	CLAMP, HIGH TENSION CABLE.	2	099706-
11	22472-42L00	CLAMP, HIGH TENSION CABLE.	2	099706-

FIG. 221 DISTRIBUTOR

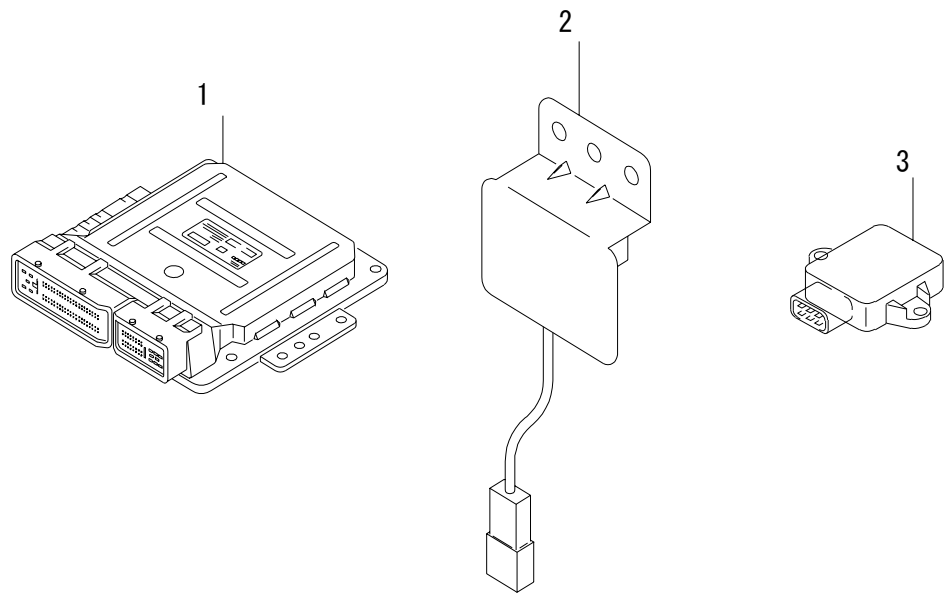


PYFV221

FIG NO. : 221

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	22100-VB011	DISTRIBUTOR ASS' Y.....	1	099706-
2	22162-VB011	. CAP ASS' Y, DISTRIBUTOR.....	1	099706-
3	22157-VB011	. ROTOR, HEAD.....	1	099706-
4	22125-VB010	. COVER.....	1	099706-
5	22131-03J10	. SEAL, O-RING.....	1	099706-
6	NJ01436-00891	SCREW.....	1	099706-

FIG. 226 ENGINE CONTROL MODULE

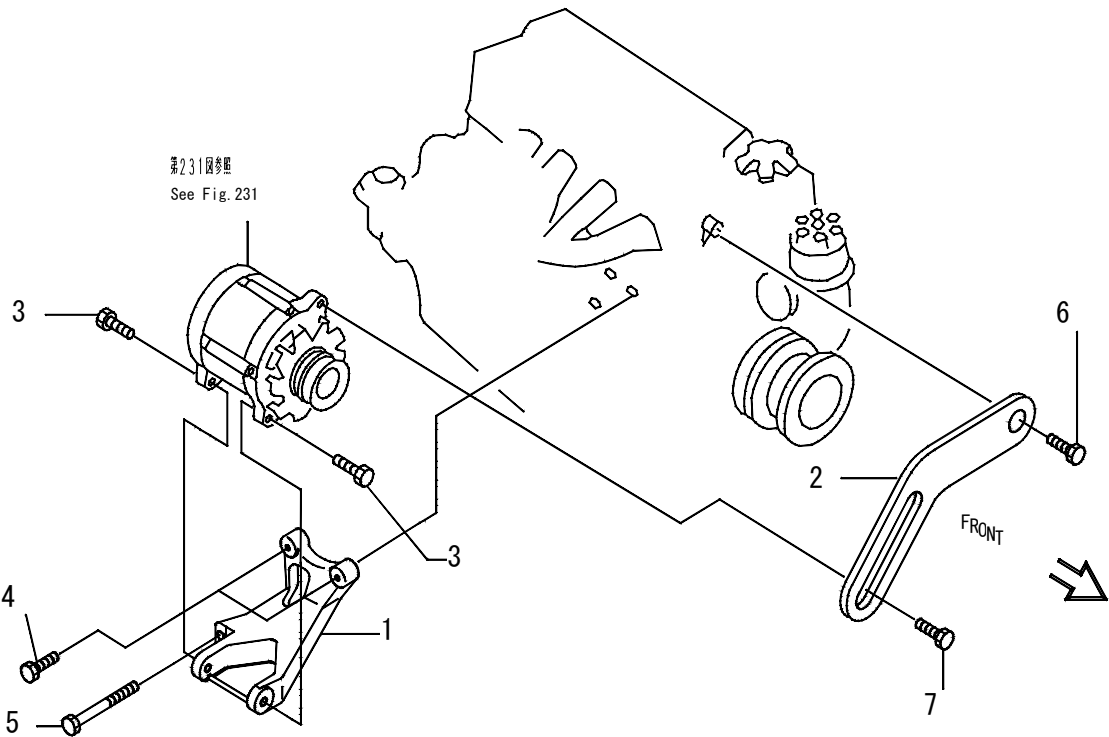


P Y F V 2 2 2

FIG NO. : 226

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	23710-GQ90A	MODULE ASS'Y, ENGINE CONTROL.....	1	099706-
2	23080-13C00	RESISTOR, PILOT LAMP.....	1	099706-
3	25912-GS40A	SENSOR UNIT, TORQUE CONVERTER, 1ST.....	1	099706-
	25912-GQ90A	SENSOR UNIT, TORQUE CONVERTER, 2ST.....	1	099706-

FIG. 230 ALTERNATOR FITTING

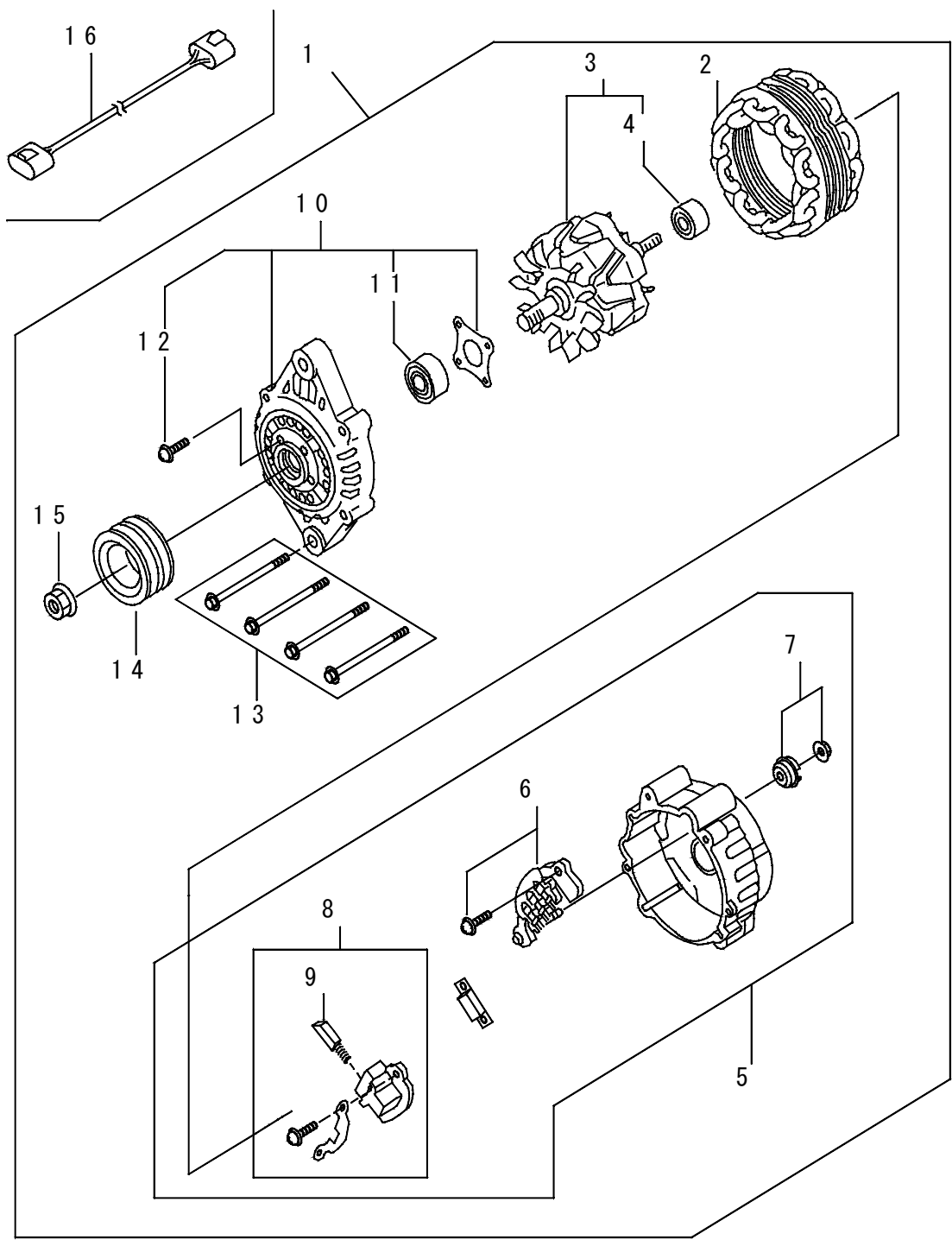


PYFV223

FIG NO. : 230

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	11710-GY000	BRACKET, ALTERNATOR.	1	099706-
2	11715-GY000	BAR, ADJUSTING.	1	099706-
3	NJ08120-8301F	BOLT.	2	099706-
4	NJ081B1-0301A	BOLT.	2	099706-
5	NJ081B1-0801A	BOLT.	1	099706-
6	NJ08124-0351E	BOLT.	1	099706-
7	NJ08120-8201F	BOLT.	1	099706-

FIG. 231 ALTERNATOR



PYFV224

FIG NO. : 231

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	23100-FU410	ALTERNATOR ASS' Y.....	1	099706-
2	23102-50K15	. STATOR ASS' Y.....	1	099706-
3	23108-50K15	. ROTOR ASS' Y.....	1	099706-
4	23120-30R10	.. BEARING, BALL.....	1	099706-
5	23127-FF110	. COVER ASS' Y, REAR.....	1	099706-
6	23124-FF110	.. RECTIFIER ASS' Y.....	1	099706-
7	23156-0B000	.. NUT, SET.....	1	099706-
8	23215-3S416	.. REGULATOR ASS' Y, IC.....	1	099706-
9	23142-0B000	... BRUSH.....	2	099706-
10	23118-47N10	. COVER ASS' Y, FRONT.....	1	099706-
11	23120-22J20	.. BEARING, BALL.....	1	099706-
12	23115-47N10	.. SCREW.....	1	099706-
13	23131-20P10	. BOLT, THROUGH.....	1	099706-
14	23150-FU410	. PULLEY ASS' Y.....	1	099706-
15	23153-70T12	. NUT ASS' Y, PULLEY.....	1	099706-
16	24076-GY960	HARNESS, ALTERNATOR.....	1	099706-

This exploded view diagram illustrates the assembly of a mechanical component, likely a pump or valve. The parts are numbered 1 through 25. The diagram is divided into two main sections by a diagonal line. The upper section shows the main body (1) with various internal components like the rotor (2), stator (3), and various seals and O-rings (4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25). The lower section shows a detailed view of the front assembly, including the front cover (12), front seal (13), and front O-ring (14). A 'FRONT' arrow points towards the left, indicating the orientation of the assembly.

TB45-1-MC

FIG NO. : 233

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	23300-52H00	MOTOR ASS' Y, STARTER.....	1	099706-
2	23310-V5300	. ARMATURE ASS' Y.....	1	099706-
3	23319-M4900	.. BEARING, GEAR CASE.....	1	099706-
4	23338-M4900	.. BEARING, REAR COVER.....	1	099706-
5	23306-52H00	. COIL ASS' Y, FIELD.....	1	099706-
6	23305-09500	.. SCREW ASS' Y, POLE CORE SET.....	4	099706-
7	23380-07G00	.. BRUSH, PLUS.....	2	099706-
8	23337-M4901	. COVER ASS' Y, REAR.....	1	099706-
9	23378-07G00	. HOLDER ASS' Y, BRUSH.....	1	099706-
10	23333-M4901	.. SPRING, BRUSH.....	4	099706-
11	23379-07G00	.. BRUSH, MINUS.....	2	099706-
12	23312-03J00	. PINION ASS' Y.....	1	099706-
13	23357-W1700	.. SHAFT, PINION.....	1	099706-
14	23354-07G00	.. CLUTCH ASS' Y.....	1	099706-
15	23358-07G00	... BEARING.....	1	099706-
16	23363-07G00	... BEARING.....	1	099706-
17	23465-M4900	.. STOPPER SET, PINION.....	1	099706-
18	23318-03J00	. CASE SET, REAR.....	1	099706-
19	23322-H9100	. LEVER SET, SHIFT.....	1	099706-
20	23343-03J00	. SWITCH ASS' Y, MAGNETIC.....	1	099706-
21	23470-11M00	. COVER SET, DUST.....	1	099706-
22	23359-W2800	. RETAINER, BEARING.....	1	099706-
23	23324-N5900	. COVER, DUST.....	1	099706-
24	23340-N5900	. BOLT, THROUGH.....	2	099706-
25	NJ08121-0351F	BOLT.....	2	099706-

NUMERICAL INDEX

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A2010-VB01A	120	1	AA- 13	NJ08121-0301E	210	20	AA- 39
A2010-VB02A	120	1	AA- 13	NJ08121-0351F	233	25	AA- 53
A2010-VB03A	120	1	AA- 13	NJ08124-0201E	111	20	AA- 9
A2010-VB04A	120	1	AA- 13	NJ08124-0351E	210	23	AA- 39
A2010-VB08B	120	1	AA- 13	NJ08124-0351E	230	6	AA- 49
KP710-00150	110	19	AA- 7	NJ08156-8301E	140	20	AA- 19
KP710-00150	135	4	AA- 17	NJ08156-8301E	210	22	AA- 39
NJ00926-41600	130	33	AA- 15	NJ08171-2351A	110	25	AA- 7
NJ00926-51600	120	25	AA- 13	NJ08223-81610	135	8	AA- 17
NJ00933-1181A	110	8	AA- 7	NJ08223-81610	210	28	AA- 39
NJ00933-1251A	140	18	AA- 19	NJ08223-82810	140	19	AA- 19
NJ00933-1351A	110	9	AA- 7	NJ08224-82210	210	24	AA- 39
NJ00933-1401A	110	10	AA- 7	NJ08267-03510	140	22	AA- 19
NJ00933-1401A	111	6	AA- 9	NJ08340-4082A	164A	14	AA- 25
NJ00933-1551A	110	11	AA- 7	NJ08340-4082A	164B	31	AA- 27
NJ00933-20670	111	7	AA- 9	NJ08340-4082A	164C	37	AA- 29
NJ00933-21050	110	6	AA- 7	NJ08740-25036	164A	13	AA- 25
NJ00933-21750	110	7	AA- 7	NJ08740-25036	164C	34	AA- 29
NJ01411-00161	111	17	AA- 9	NJ08911-1081A	210	19	AA- 39
NJ01436-00891	221	6	AA- 45	NJ08915-1381A	210	30	AA- 39
NJ01522-06124	110	32	AA- 7	NJ08915-3421A	110	24	AA- 7
NJ01555-00881	211	4	AA- 41	NJ08915-5381A	210	29	AA- 39
NJ01555-01161	211	8	AA- 41	NJ08918-3081A	210	25	AA- 39
NJ02117-13023	210	1	AA- 39	NJ08931-3041A	140	17	AA- 19
NJ02187-35403	164B	30	AA- 27	NJ08931-3041A	211	11	AA- 41
NJ02187-35403	164C	36	AA- 29	NJ08931-3081A	140	16	AA- 19
NJ08070-85000	130	34	AA- 15	NJ08931-3081A	211	9	AA- 41
NJ081A0-6121A	210	27	AA- 39	10005-03J00	111	11	AA- 9
NJ081B1-0301A	230	4	AA- 49	10006-03J00	111	12	AA- 9
NJ081B1-0801A	230	5	AA- 49	10101-GY025	102	1	AA- 5
NJ08120-61228	110	22	AA- 7	10102-GU61A	101	1	AA- 3
NJ08120-61233	140	21	AA- 19	10103-GU00A	101	2	AA- 3
NJ08120-61628	130	32	AA- 15	11010-VC001	110	1	AA- 7
NJ08120-62028	111	21	AA- 9	11022-20100	111	5	AA- 9
NJ08120-63528	130	31	AA- 15	11024-0320A	120	10	AA- 13
NJ08120-8121E	110	21	AA- 7	11024-85G0A	110	4	AA- 7
NJ08120-8161E	164A	15	AA- 25	11024-85G1A	110	3	AA- 7
NJ08120-8161E	164C	38	AA- 29	11026-61000	110	15	AA- 7
NJ08120-8161E	211	10	AA- 41	11035-VB500	110	16	AA- 7
NJ08120-8201F	150	9	AA- 21	11041-GY000	111	1	AA- 9
NJ08120-8201F	230	7	AA- 49	11042-GY025	102	2	AA- 5
NJ08120-8251E	110	23	AA- 7	11044-VB001	111	8	AA- 9
NJ08120-8251E	120	26	AA- 13	11046-73402	110	31	AA- 7
NJ08120-8301E	150	8	AA- 21	11051-D0100	111	4	AA- 9
NJ08120-8301F	210	26	AA- 39	11053-73400	110	27	AA- 7
NJ08120-8301F	230	3	AA- 49	11056-03J00	111	9	AA- 9
NJ08120-8351E	135	7	AA- 17	11058-H1002	111	10	AA- 9
NJ08120-8351E	210	21	AA- 39	11060-GY000	210	10	AA- 39
NJ08120-8651E	135	5	AA- 17	11061-VB003	210	8	AA- 39

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11128-51N00	110	14	AA- 7	13028-VB000	130	3	AA- 15
11140-WK200	110	17	AA- 7	13049-VB000	210	6	AA- 39
11150-WK200	110	18	AA- 7	13050-VB000	210	7	AA- 39
11710-GY000	230	1	AA- 49	13070-VB001	130	5	AA- 15
11715-GY000	230	2	AA- 49	13081-VB000	110	33	AA- 7
11720-52H05	210	2	AA- 39	13085-VB000	130	4	AA- 15
11810-F0502	118	1	AA- 11	13201-VC000	130	10	AA- 15
11826-GY000	118	2	AA- 11	13202-VC000	130	11	AA- 15
11828-GY000	118	3	AA- 11	13203-VB005	130	12	AA- 15
12030-03J01	120	5	AA- 13	13204-VB005	130	13	AA- 15
12032-03J00	120	2	AA- 13	13205-1460B	130	16	AA- 15
12033-VC200	120	3	AA- 13	13206-2300A	130	17	AA- 15
12036-VC200	120	3	AA- 13	13207-42L00	130	18	AA- 15
12038-VC200	120	3	AA- 13	13209-85G00	130	14	AA- 15
12100-VB000	120	4	AA- 13	13210-U0100	130	15	AA- 15
12109-VB000	120	6	AA- 13	13212-VB000	111	2	AA- 9
12111-03J00	120	8	AA- 13	13213-VB000	111	3	AA- 9
12112-03J00	120	7	AA- 13	13222-VB000	130	25	AA- 15
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12119-03J00	120	8	AA- 13	13231-VB000	130	19	AA- 15
12120-03J00	120	8	AA- 13	13234-03J01	130	22	AA- 15
12200-VB000	120	9	AA- 13	13238-VB005	130	20	AA- 15
12207-VB000	120	19	AA- 13	13252-VB005	130	24	AA- 15
12209-VB000	120	19	AA- 13	13255-58000	130	29	AA- 15
12210-VB000	120	19	AA- 13	13256-W0400	130	28	AA- 15
12211-VB000	120	19	AA- 13	13257-03J00	130	21	AA- 15
12212-VB000	120	19	AA- 13	13264-VB801	111	13	AA- 9
12293-03J00	110	2	AA- 7	13268-D010C	111	16	AA- 9
12296-VC200	110	26	AA- 7	13268-29N0A	111	15	AA- 9
12303-GU60A	120	13	AA- 13	13270-03J00	111	14	AA- 9
12307-GY000	120	14	AA- 13	13288-H5000	130	23	AA- 15
12308-GY000	120	16	AA- 13	13289-58000	130	30	AA- 15
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12309-03J01	120	18	AA- 13	13510-52H00	135	2	AA- 17
12310-FZ060	120	20	AA- 13	14001-GY000	140	1	AA- 19
12312-VB000	120	21	AA- 13	14001-GY010	140	1	AA- 19
12316-L2001	120	23	AA- 13	14004-37J05	140	3	AA- 19
12320-GY960	110	12	AA- 7	14035-VC001	140	2	AA- 19
12370-K8400	120	24	AA- 13	14036-03J00	140	4	AA- 19
13001-GU60A	130	1	AA- 15	14037-42L01	140	11	AA- 19
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13003-03J00	110	5	AA- 7	14055-GY960	211	6	AA- 41
13003-03J10	110	5	AA- 7	14057-GY000	211	7	AA- 41
13010-21000	130	2	AA- 15	14064-N4200	140	9	AA- 19
13012-VB000	130	8	AA- 15	14069-GY000	164A	2	AA- 25
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14416-VB300	140	5	AA- 19	16291-GU70A	164B	26	AA- 27
14875-W1301	211	5	AA- 41	16291-GU70A	164C	31	AA- 29
15041-VB001	120	12	AA- 13	16310-GQ91A	195	1	AA- 33
15050-GY000	150	1	AA- 21	16328-FU46A	195	11	AA- 33
15053-VB000	150	2	AA- 21	16349-VS001	164B	10	AA- 27
15066-03J00	135	3	AA- 17	16349-VS001	164C	15	AA- 29
15123-GY000	110	28	AA- 7	16349-VS002	164B	9	AA- 27
15208-31U0A	150	3	AA- 21	16349-VS002	164C	14	AA- 29
15213-GY000	150	4	AA- 21	16349-18V00	195	24	AA- 33
15238-GY000	150	5	AA- 21	16356-FU460	195	10	AA- 33
15239-VB001	150	6	AA- 21	16375-FU460	195	9	AA- 33
15255-40F02	111	18	AA- 9	16379-FU460	195	4	AA- 33
15270-D0103	111	19	AA- 9	16388-FU460	195	2	AA- 33
16016-85G01	164B	23	AA- 27	16389-FU460	195	7	AA- 33
16016-85G01	164C	28	AA- 29	16389-4K300	195	8	AA- 33
16065-FU460	164B	13	AA- 27	16394-FU460	195	15	AA- 33
16065-FU460	164C	18	AA- 29	16439-H720A	118	4	AA- 11
16065-GS04A	195	12	AA- 33	16454-FU460	195	17	AA- 33
16065-OH602	164B	21	AA- 27	16563-FU460	195	16	AA- 33
16065-OH602	164C	26	AA- 29	16590-GU60A	140	13	AA- 19
16094-B8500	164B	18	AA- 27	16590-VB000	140	12	AA- 19
16094-B8500	164C	23	AA- 29	16599-N3600	164A	4	AA- 25
16098-GS07A	164B	15	AA- 27	16600-GS17A	164B	7	AA- 27
16098-GS07A	164C	20	AA- 29	16600-GS17A	164C	12	AA- 29
16119-FU46B	163	1	AA- 23	16600-GU61A	164A	6	AA- 25
16125-Y4400	195	27	AA- 33	16600-GU61A	164C	5	AA- 29
16156-GS07A	164B	16	AA- 27	16610-GU70B	164B	6	AA- 27
16156-GS07A	164C	21	AA- 29	16610-GU70B	164C	11	AA- 29
16163-Y4403	195	28	AA- 33	16618-FU460	164A	8	AA- 25
16175-FU460	163	2	AA- 23	16618-FU460	164C	7	AA- 29
16175-FU460	164A	11	AA- 25	16618-GX11A	164B	24	AA- 27
16175-FU460	164A	3	AA- 25	16618-GX11A	164C	29	AA- 29
16175-FU460	164B	3	AA- 27	16618-5L300	164A	7	AA- 25
16175-FU460	164B	4	AA- 27	16618-5L300	164C	6	AA- 29
16175-FU460	164C	3	AA- 29	16919-W1602	195	26	AA- 33
16175-FU460	164C	9	AA- 29	17052-FU460	195	5	AA- 33
16197-FU46A	164B	17	AA- 27	17053-FU460	195	18	AA- 33
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22680-7S000	164B	5	AA- 27	24236-GY010	164C	25	AA- 29
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For future use, write your Komatsu machine and distributor information below:

Machine Serial Number:

Engine Serial Number:

Date Delivered:

Komatsu Distributor Name:

Address:

Phone Number:

Fax Number:

E-mail Address:

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PEC10E2-01B

PARTS BOOK

SAA4D95LE-5-CX

Serial No. 503377 and up

FOREWORD

When ordering a spare part, specify the part number, part name, and quantity required, and also specify your machine model code, machine serial number, engine serial number and the service meter reading.

This Parts Book describes not only standard items but also optional equipment and attachments. To order a part, please contact your nearest Komatsu distributor.

This Parts Book contains the information and special symbols as follows:

Figure and list	When you open this Parts Book, you will find an illustration on the left page (even-numbered page) for the spare parts group. Each individual part in the group is given an index number. On the right page, the component parts of the group are listed in the order of the index numbers shown on the illustration page. The part number, part name, and applicable machine serial number are given for each part.
FIG. No.	The FIG. No. is the number of the illustration shown on the page. It is not the spare part number. The numbers are not always continuous.
INDEX	This is the same as the index number in the illustration. The parts are listed in index number order.
PART No.	The number given in the PART No. column is the part number for the part shown. It is the code used when ordering that part. It is important that there be no mistake in this code number when ordering.
DESCRIPTION	This gives the name of part that has the part number listed. The mark "." is put in front of the part name of an assembly part and the item is entered following the assembly. If a part marked with "." is a sub assembly, its components are marked with "..". Example: ELEMENT ASSEMBLY, AIR CLEANER .ELEMENT ASSEMBLY, OUTER ..ELEMENT, OUTER ..NUT, WING ..WASHER
Q'TY (Quantity)	This specifies the number of pieces used for one machine. However, if a part is included in the assembly and/or component, the quantity per such assembly and/or component is specified.
SERIAL No.	Applicable engine serial number is indicated for the engine volume. In the chassis volume, this indicates the machine serial number in which the part is used.
Symbols and codes	Symbols and codes are used in the PART No. and DESCRIPTION columns, and represent the following: ☐ The part specified in the line above can be used instead of this part.

Symbols
and codes
(Cont'd)

◻	This part can be used instead of the part specified in the line immediately above.
◆	This part and the part specified in the line immediately above are interchangeable.
■	The part specified in the DESCRIPTION column can be used instead of this part if it is used as a set.
⊠	This shows discontinued part. The part specified in the above line is supplied instead.
▼	This shows a discontinued part. The part specified in the DESCRIPTION column is supplied instead as a set.
☆	This part cannot be supplied as an individual part. It is supplied as an assembly.
★	This part cannot be supplied as an individual part. It is supplied as an assembly. However, it is supplied as an individual part by authorized distributors only.
⊙	This indicates a part group. The part marked with this symbol is not considered a supply part.
====	The parts surrounded by this line are components of the part group specified in the above line.
G-1,G-2	These indicate categories of part groups.
KIT	This indicates kit parts. For kit parts, refer to the service kit tables provided in this Parts Book.
△	This indicates a part supplied as semi-finished. It requires additional work before installation.
PAINT(1)	This indicates parts shipped painted with undercoat.
PAINT(2)	This indicates parts supplied with different colors from the original color of your machine.
(A)	This code indicates special parts for cold weather "A" specification (-30°C) machines.
(B)	This indicates special parts for cold weather "B" specification (-50°C) machines.

AVANT-PROPOS

Lorsque vous passez une commande d'une ou plusieurs pièces détachées, vous êtes prié de spécifier, outre le ou les numéro(s), désignation(s) et quantité(s) des pièces commandée(s), le numéro de carrosserie, le numéro de série du moteur et la lecture du compteur de service du véhicule.

Sur le présent catalogue des pièces figurent non seulement les équipements standard, mais également les équipements et accessoires en option. Si vous désirez un équipement ou une pièce quelconque, vous êtes prié de prendre contact avec le concessionnaire Komatsu le plus proche.

Ce catalogue des pièces se présente de la manière suivante:

Figures et listes	Lorsque vous ouvrez le présent catalogue, vous trouvez: sur la page de gauche (numéro de page pair), les illustrations de toutes les pièces composant l'équipement en question avec les numéros de référence pour chacune des pièces, sur la page de droite (numéro de page impair), la liste des pièces dans l'ordre des numéros de référence des pièces avec indication du numéro des pièces, de la désignation des pièces, de la quantité utilisée et des numéros de série.
FIG. No. (Figure et liste)	Le numéro de figure (FIG. XX) correspond au numéro de la figure représentée sur cette page, mais ne correspond pas au numéro de la pièce détachée. Veuillez noter que les numéros de figure ne se suivent pas systématiquement.
INDEX (Numéros de référence)	Les numéros de référence correspondent aux numéros de référence notés sur la figure et sont énumérés dans l'ordre des numéros de référence.
PART No. (Numéros de pièce)	Les numéros indiqués dans cette colonne correspondent aux numéros des pièces représentées et constituent les codes à spécifier pour toute commande de pièce. Il est important de ne pas faire d'erreur avec ce code au moment de la commande.
DESCRIPTION (Description)	Dans cette colonne est indiquée la désignation des différentes pièces. Dans le cas d'un ensemble constitué de pièces, la désignation de chacune de ces pièces est précédée d'un point "." et dans le cas d'un ensemble constitué de sous-ensembles eux-mêmes constitués de pièces, la désignation de chacune de ces pièces est précédée de deux points "..". Exemple: ELEMENT ASSEMBLY, AIR CLEANER .ELEMENT ASSEMBLY, OUTER ..ELEMENT, OUTER ..NUT, WING ..WASHER
Q'TY (Quantité)	Dans cette colonne est indiqué le nombre de pièces nécessaires pour l'équipement en question. S'il s'agit de pièces comprises dans un ensemble et/ou composant, et la quantité indiquée est le nombre de pièces nécessaires pour l'ensemble et/ou le composant en question.
SERIAL No. (Numéros de série)	S'il s'agit d'un élément du moteur, ces numéros sont les numéros de série des moteurs sur lesquels cette pièce est utilisée. S'il s'agit d'un élément de la carrosserie, ces numéros sont les numéros des carrosseries sur lesquelles la pièce en question est utilisée.

Codification	Les codes indiqués dans les colonnes "N° de pièce" et "Description" ont les significations suivantes:
□	Au lieu de la pièce affectée de ce code, il est possible d'utiliser la pièce qui figure juste au-dessus.
◻	La pièce affectée de ce code peut être utilisée à la place de la pièce figurant juste au-dessus.
◆	La pièce affectée de ce code et la pièce figurant dans la ligne justeau-dessus sont interchangeables
⊠	Au lieu de la pièce affectée de ce code, il est possible d'utiliser la combinaison des pièces indiquées dans la colonne "Description".
■	Les pièces affectées de ce code ne sont plus fournies. Au lieu de cette pièce, c'est la pièce figurant dans la ligne justeau-dessus qui sera fournie.
▼	Les pièces affectées de ce code ne sont plus fournies. Au lieu de cette pièce, c'est la combinaison de pièces figurant dans la colonne "Description" qui sera fournie.
☆	Les pièces affectées de ce code ne seront pas fournies à l'unité mais par jeu de pièces.
★	Les pièces affectées de ce code ne seront pas fournies à l'unité mais par jeu de pièces, sauf dans le cas de certains concessionnaires Komatsu.
⊙	Ce code indique qu'il s'agit d'un groupe de pièces. Les pièces affectées de ce code ne sont pas fournies en tant que pièces détachées.
= = = =	Les pièces ainsi encadrées sont les pièces composantes du groupe de pièces indiqué dans la ligne d'au-dessus.
G-1, G-2	Indique le numéro du groupe de pièces
KIT	Indique qu'il s'agit d'un kit de pièces. Pour les pièces composantes des kits, veuillez vous reporter à la liste des kits de service.
△	Indique qu'il s'agit de pièces fournies à l'état semi-fini. Ces pièces devront être usinées avant l'installation.
PAINT(1)	Indique que sur les pièces fournies est appliquée uniquement une couche primaire.
PAINT(2)	Indique que la couleur de la peinture est différente de celle d'origine.
(A)	Indique qu'il s'agit de pièces pour spécifications artiques A (−30°C)
(B)	Indique qu'il s'agit de pièces pour spécifications artiques B (−50°C)

VORWORT

Bei der Bestellung von Teilen bitte die Teilenummer, die Teilebezeichnung und die Menge des jeweiligen Teils sowie die Modellnummer, die Seriennummer der Maschine, die Seriennummer des Motors und den Stand des Betriebsstundenzählers angeben.

In dieser Ersatzteilliste ist nicht nur das Standardzubehör aufgeführt, sondern auch als Sonderausstattung erhältliche Teile und Einrichtungen.

Bestellungen nimmt Ihr zuständiger Komatsu-Händler entgegen.

Die folgenden Angaben sind in der Ersatzteilliste aufgeführt.

Bild und Liste	Beim Aufschlagen des Ersatzteilkatalogs ist auf der linken Seite (d.h. der Seite mit der geraden Zahl) eine Darstellung der Bauteile der betreffenden Baugruppe zu finden. Jedes Einzelteil der Baugruppe ist mit einer Kennzahl versehen. Auf der rechten Seite (d.h. der Seite mit der ungeraden Zahl) sind die Bauteile der Baugruppe, geordnet nach den auf der linken Seite angegebenen Kennzahlen, aufgeführt. Jedes Einzelteil wird mit Teilenummer, Teilebezeichnung und entsprechender Seriennummer angegeben.
FIG. No. (Bildnummer)	Die Bildnummer entspricht der Nummer des auf der betreffenden Seite stehenden Bilds. Es handelt sich dabei nicht um die Nummer des Lieferteils. Es sei ferner erwähnt, daß die Bilder nicht fortlaufend numeriert sind.
INDEX (Kennzahl)	Dabei handelt es sich um die gleiche Zahl wie die Kennzahl im Bild. Die Teile sind geordnet nach der Kennzahl aufgeführt.
PART No. (Teilenummer)	Die in der Spalte "Teilenummer" aufgeführte Nummer entspricht der Teilenummer für das betreffende Teil. Diese Nummer dient zur Bestellung des Teils. Deshalb bei der Bestellung stets auf die genaue Angabe der Teilenummer achten.
DESCRIPTION (Beschreibung)	Hierunter wird die Bezeichnung des Teils mit der aufgeführten Teilenummer angegeben. Jedes Baugruppen-Bauteil ist mit dem vorangestellten Symbol "." gekennzeichnet und wird hinter der entsprechenden Baugruppe aufgeführt. Handelt es sich bei dem mit "." gekennzeichneten Bauteil um eine Baugruppe, sind die Bauteile dieser Baugruppe mit ".." gekennzeichnet. Beispiel: Element assembly, air cleaner . Element assembly, outer .. Element, outer .. Nut, wing .. Washer
Q'TY (Menge)	Hierunter wird die Anzahl der Bauteile für eine Maschine angegeben. Im Falle einer Baugruppe oder eines Aggregats wird allerdings die Anzahl der Teile pro Baugruppe angegeben.
SERIAL No. (Seriennummer)	Im Ersatzteilkatalog für den Motor versteht man hierunter die Seriennummer des Motors, in den das betreffende Teil eingebaut ist. Im Ersatzteilkatalog für die Maschine versteht man hierunter die Seriennummer der Maschine, in die das entsprechende Teil eingebaut ist.
Kodes	Die in den Spalten "Teile-Nr." und "Beschreibung" verwendeten Kodes haben folgende Bedeutung: ☐ Anstelle dieses Teils kann das in der vorangegangenen Zeile aufgeführte Teil verwendet werden.

□	Dieses Teil kann anstelle des in der vorangegangenen Zeile aufgeführten Teils verwendet werden.
◆	Dieses Teil ist mit dem in der vorangegangenen Zeile aufgeführten Teil austauschbar.
■	Anstelle dieses Teils kann das in der Spalte "Beschreibung" aufgeführte Teil verwendet werden, wenn das Teil zusammen mit anderen Teilen als ein Bauteilsatz verwendet wird.
⊗	Dieses Teil kann nicht mehr geliefert werden. Statt dessen wird das in der vorangegangenen Zeile aufgeführte Teil geliefert.
▼	Dieses Teil kann nicht mehr geliefert werden. Statt dessen wird das in der Spalte "Beschreibung" aufgeführte Teil als ein Bauteilsatz geliefert.
☆	Dieses Teil kann nicht als Einzelteil, sondern nur als Baugruppe geliefert werden.
★	Dieses Teil kann nicht als Einzelteil, sondern nur als Baugruppe geliefert werden. Nur bei bestimmten Händlern kann es als Einzelteil bezogen werden.
⊙	Hierdurch wird ein Aggregat gekennzeichnet. Es wird nicht zu den Lieferteilen gerechnet.
====	Die Teile innerhalb dieser Markierung gehören zu dem oben aufgeführten Aggregat.
G-1, G-2	Hiermit wird die Kategorie eines Aggregats angegeben.
KIT	Hiermit werden Teile gekennzeichnet, die nur als Satz erhältlich sind. Siehe dazu die Tabelle der als Satz gelieferten Ersatzteile.
△	Hiermit werden Teile gekennzeichnet, die in vorbearbeitetem Zustand geliefert werden und für den Einbau nachbearbeitet werden müssen.
PAINT(1)	Hiermit werden Teile gekennzeichnet, die mit Grundierung geliefert werden.
PAINT(2)	Hiermit werden Teile gekennzeichnet, die in unterschiedlichen Farben geliefert werden.
(A)	Hiermit werden Teile gekennzeichnet, die speziell für kalte Witterung (A) (-30°C) ausgelegt sind.
(B)	Hiermit werden Teile gekennzeichnet, die speziell für kalte Witterung (B) (-50°C) ausgelegt sind.

PROLOGO

Cuando tenga que efectuar un pedido de repuestos, se ruega especificar el número, el nombre y la cantidad de piezas requeridas, indicando asimismo el número de modelo, el número de serie del motor y la lectura del contador de servicio.

Esta lista de piezas especifica no solamente accesorios estándar sino también piezas y accesorios opcionales. Para realizar un pedido, sírvase ponerse en contacto con su distribuidor Komatsu más cercano.

La lista de repuestos se compone de los elementos siguientes.

Figura y lista	Al abrir esta lista de repuestos, encontrará en la página izquierda (página de número impar) una ilustración de los componentes del conjunto. La figura de cada componente individual va provista de un número de índice. En la página derecha (página de número par), los componentes del conjunto están listados siguiendo el orden de los números de índice de la página izquierda.
FIG. NO. (Número de figura)	El número de figura es el número indicado en cada una de las respectivas figuras, y no es el número de la pieza. Los números de figura no son siempre continuos.
INDEX (Número de índice)	Coincide con el número de índice de cada figura, y aparecen en la lista en orden numérico.
PART NO. (Número de pieza)	El número indicado en la columna de "Número de piezas" es el número de pieza que aparece en la figura. Es sumamente importante debido a que se utiliza como código al efectuar el pedido de piezas.
DESCRIP-TION (Nombre de las piezas)	Indica la descripción correspondiente a cada número de pieza. Los componentes de un conjunto llevan la marca "." antes del nombre. Por otra parte, cuando se tratan de piezas armadas, llevan la marca ".." antes del nombre Ejemplo: ELEMENT ASSEMBLY, AIR CLEANER .ELEMENT ASSEMBLY, OUTER ..ELEMENT, OUTER ..NUT, WING ..WASHER
Q'ty (Cantidad)	Especifica el número de piezas utilizadas en cada máquina. Sin embargo, para un conjunto o componentes de un grupo de piezas, se especifica el número de piezas por conjunto.
SERIAL NO. (Número de serie)	En el manual de piezas del motor, indica el número de serie del motor en que se utiliza la pieza. En el manual de piezas de la máquina, indica el número de serie del vehículo en que se utiliza esa pieza.

Códigos	Los códigos y números de piezas especificados en las columnas "N°. de pieza" y "Nombre de la pieza" representan lo siguiente:
	En lugar de esta pieza es posible utilizar la pieza indicada en el renglón de arriba.
	Es posible utilizar esta pieza en lugar de la indicada en el renglón inmediatamente anterior.
	Esta pieza y la indicada en el renglón inmediatamente anterior son intercambiables.
	Es posible utilizar la pieza especificada en la columna "Nombre de las piezas" si se utiliza como un conjunto.
	Esta pieza se ha dejado de suministrar. En su lugar, se suministra la pieza indicada en el renglón anterior.
	Esta pieza se ha dejado de suministrar. En su lugar, se suministra la pieza especificada en la columna "Nombre de las piezas" como un conjunto.
	Esta pieza no se suministra como pieza individual. Se suministra como un conjunto.
	Esta pieza no se suministra como pieza individual. Se suministra como un conjunto. Sin embargo, es suministrada como pieza individual por ciertos distribuidores.
	Indica grupo de piezas. Las piezas que llevan este código no son suministrables.
====	Las piezas rodeadas por esta línea son componentes del grupo de piezas especificado arriba.
G-1, G-2	Indica la clasificación del grupo de piezas.
KIT	Indica componentes de un juego. Para los componentes de un juego, refiérase a la tabla de los juegos de servicio.
	Indica pieza suministrada como semiterminada. Debe ser reelaborada antes del uso.
PAINT(1)	Indica piezas despachadas con una primera mano de pintura.
PAINT(2)	Indica piezas despachadas con colores diferentes.
(A)	Indica piezas especiales (A) especificadas para climas fríos (-30°C).
(B)	Indica piezas especiales (B) especificadas para climas fríos (-50°C)

INTRODUÇÃO

Ao solicitar uma peça, informe o número, nome e quantidade da peça necessária, bem como o número da carroçaria, número do motor, e leitura do medidor de serviço.

Esta lista de peças não somente especifica os acessórios padrões mas também as peças opcionais e aditamentos. Para pedir uma peça, entre em contato com o revendedor Komatsu mais próximo.

Este livro de peças consiste nos seguintes itens.

Figura e lista	Ao abrir este livro de peças, você encontrará na página esquerda (a página com número par), uma ilustração das peças componentes do conjunto. Cada peça individual no conjunto tem um número de índice. Na página direita (a página com número ímpar), as peças componentes do conjunto são relacionadas na ordem dos números de índice mostrados na página esquerda. Cada peça é designada com um número, nome, e número de série aplicável.
FIG. NO. (Número da figura)	O número da figura é o número da figura mostrada em tal página. Ele não é um número para fornecimento da peça. Do mesmo modo, os números das figuras nem sempre são contínuos.
INDEX (Número de índice)	Este número é igual ao número de índice na figura. As peças são relacionadas na ordem dos números de índice.
PART NO. (Número de peça)	O número designado na coluna "Número da peça" é o número para a peça mostrada. Ele é o código usado para o pedido da peça. É importante que não haja equívoco com respeito a este número ao pedir uma peça.
DESCRIP- TION (Descrição)	Este item descreve o nome da peça que tem o número de peça relacionado. É colocado um "." na frente do nome de um componente de conjunto e o item é introduzido após o conjunto. Se uma peça marcada com "." é um conjunto, seus componentes são marcados com "..". Exemplo: ELEMENT ASSEMBLY, AIR CLEANER .ELEMENT ASSEMBLY, OUTER ..ELEMENT, OUTER ..NUT, WING ..WASHER
Q'ty (Quantidade)	Este item especifica o número de peças usadas para 1 máquina. No entanto, para o conjunto ou componentes de um grupo de peças, o número de peças por conjunto é especificado.
SERIAL NO. (Número de série)	No livro de peças do motor, esse número indica o número de série do motor no qual a peça é usada. No livro de peças da máquina, esse número indica o número de série da máquina na qual a peça é usada.
Códigos	Os códigos e número de peça especificados nas colunas "N.º de peça" e "Descrição" representam o seguinte: ☐ A peça especificada na linha acima pode ser usada no lugar desta peça.

◻	Esta peça pode ser usada no lugar da peça especificada na linha imediatamente acima.
◆	Esta peça e a peça especificada na linha imediatamente acima são intercambiáveis.
■	A peça especificada na coluna "Descrição" pode ser usada no lugar desta peça se ela for usada como um jogo.
⊗	Esta peça não é mais fornecida. A peça especificada na linha acima é fornecida em seu lugar.
▼	Esta peça não é mais fornecida. A peça especificada na coluna "Descrição" é fornecida em seu lugar como um jogo.
☆	Esta peça não pode ser fornecida como uma peça individual. Ela é fornecida como um conjunto.
★	Esta peça não pode ser fornecida como uma peça individual. Ela é fornecida como um conjunto. No entanto, ela é fornecida como uma peça individual somente por revendedores específicos.
⊙	Isso indica um grupo de peças. Esta peça não é considerada uma peça de fornecimento.
====	As peças envolvidas por esta linha são componentes do grupo de peças especificado acima.
G-1, G-2	Isso indica a categoria do grupo de peças.
KIT	Isso indica componentes de um kit. Para os componentes de um kit, refira-se à tabela de kits de serviço.
Δ	Isso indica uma peça fornecida como produto semi-acabado. Ela deve ser reformada antes do uso.
PAINT(1)	Isso indica peças embarcadas pintadas com uma primeira mão de fundo.
PAINT(2)	Isso indica peças embarcadas com cores diferentes.
(A)	Isso indica peças especiais para especificação (A) de tempo frio (-30°C).
(B)	Isso indica peças especiais para especificação (B) de tempo frio (-50°C).

الرموز	الرموز وارقام القطع المذكورة في عمود « رقم القطعة » وعمود « الوصف » تمثل كما يلي:
□	القطعة المذكورة في السطر السابق يمكن استعمالها بدلاً من هذه القطعة.
▣	هذه القطعة يمكن استعمالها بدلاً من القطعة المذكورة في السطر السابق مباشرة.
◆	هذه القطعة والقطعة المذكورة في السطر السابق مباشرة يمكن لكل منهما ان تحل محل الاخرى.
■	القطعة المذكورة في عمود « الوصف » يمكن استعمالها بدلاً من هذه القطعة اذا استخدمت كقطع.
⊠	هذه القطعة توقف توريدها. يتم توريد القطعة المذكورة في السطر السابق بدلاً منها.
▼	هذه القطعة توقف توريدها. يتم توريد القطعة المذكورة في عمود « الوصف » بدلاً منها كقطع.
☆	هذه القطعة لا يمكن توريدها كقطعة منفردة. يتم توريدها كمجموعة.
★	هذه القطعة لا يمكن توريدها كقطعة منفردة. يتم توريدها كمجموعة. على انه يتم توريدها كقطعة منفردة من قبل موزعين معيّنين فقط.
⊙	هذا يشير الى مجموعة قطع. هذه القطعة لا تعتبر قطعة للتوريد.
=====	القطع المحاطة بهذا الخط هي مكونات لمجموعة القطع المذكورة اعلاه.
G-1,G-2 KIT	هذا يشير الى فئة مجموعة القطع. هذا يشير الى مكونات الاطقم التركيبية. بخصوص الاطقم التركيبية، يرجى مراجعة جدول الاطقم التركيبية للخدمة.
△	هذا يشير الى قطعة مورّدة شبه مكتملة التصنيع. تتطلب استكمال تصنيعها قبل الاستعمال.
PAINT(1)	هذا يشير الى القطع المشحونة بعد طلائها بطبقة سفلية.
PAINT(2)	هذا يشير الى القطع المشحونة بألوان مختلفة.
(A)	هذا يشير الى قطع خاصة بمواصفات الطقس البارد من الفئة (A) (-٣٠°م).
(B)	هذا يشير الى قطع خاصة بمواصفات الطقس البارد من الفئة (B) (-٥٠°م).

مقدمة

عند طلب القطع، يرجى تحديد رقم القطعة واسم القطعة والكمية المطلوبة من القطعة، مع تحديد رقم الموديل والرقم التسلسلي للمحرك وقراءة عداد الخدمة.

قائمة القطع هذه لا تقتصر على الكماليات القياسية فقط بل تشمل أيضاً القطع والملحقات الاختيارية. لطلب القطع، يرجى الاتصال بأقرب موزع لمنتجات كوماتسو.

قائمة القطع تتضمن البنود التالية.

عندما تفتح كتاب القطع، ستجد على الصفحة اليسرى (الصفحة ذات الرقم الزوجي) شكلاً توضيحياً للقطع المكونة للمجموعة. كل قطعة في مجموعة المكونات لها رقم فهرس. على الصفحة اليمنى (الصفحة ذات الرقم الفردي) تم إدراج قائمة بالقطع التي تتكون منها المجموعة مرتبة حسب أرقام الفهرس المبينة في الصفحة اليسرى. وقد أعطيت كل قطعة من القطع رقم قطعة واسم قطعة ورقم تسلسلي ينطبق عليها.	الشكل والقائمة
رقم الشكل هو الرقم الخاص بالشكل التوضيحي الذي يظهر في تلك الصفحة. وهو ليس رقم القطعة التي يتم توريدها. كما ان ارقام الاشكال ليست دائماً متتابعة.	FIG. No. (رقم الشكل)
هذا الرقم هو نفس رقم الفهرس الوارد في الشكل التوضيحي. تدرج القطع في القائمة مرتبة تبعاً لأرقام الفهرس.	INDEX (رقم الفهرس)
الرقم الوارد في عمود « رقم القطعة » هو رقم القطعة الخاص بالقطعة المبينة. وهو الرمز المستخدم لطلب تلك القطعة. ومن الضروري عدم ارتكاب اي خطأ في تحديد هذا الرقم عند طلب القطع.	PART No. (رقم القطعة)
يعطي اسم القطعة المدرج رقمها في القائمة. توضع العلامة " . " امام اسماء القطع المكونة للمجموعة ويدرج البند بعد المجموعة. اذا كانت القطعة المشار اليها بالعلامة " . " هي نفسها عبارة عن مجموعة مكونات فان كلاً من مكوناتها يشار اليها بالعلامة " . . " . مثال : ELEMENT ASSEMBLY, AIR CLEANER .ELEMENT ASSEMBLY, OUTER .. ELEMENT, OUTER ..NUT, WING ..WASHER	DESCRIPTION (الوصف)
هذا هو عدد القطع المستخدمة لآلية واحدة. أما بالنسبة لمجموعات المكونات ومجموعات القطع فانه يتم تحديد عدد القطع لكل مجموعة.	Q'ty (الكمية)
في كتاب قطع المحرك، يشير هذا الرقم الى الرقم التسلسلي للمحرك الذي تستخدم فيه القطعة. في كتاب قطع الآلية، يشير هذا الرقم الى الرقم التسلسلي للآلية التي تستخدم فيها القطعة.	SERIAL No. (الرقم التسلسلي)

ПРЕДИСЛОВИЕ

При формировании заказа на детали, узлы и агрегаты, кроме их номера детали, наименования и количества, завод-изготовитель просит заказчиков информировать о серийном номере машины и двигателя, для которых делается заказ, а также показании счетчика мото-часов.

В Каталоге приведены не только стандартные агрегаты, но и дополнительные устройства и принадлежности, поставляемые по специальному заказу.

При необходимости приобретения их обратиться к местному дилеру фирмы “Комацу”.

Каталог деталей составлен, как ниже изложено:

Рисунки и таблицы деталей	При открытии Каталога на левой странице (чётной) приведен рисунок деталей устройства или агрегата. Каждая деталь обозначена номером позиции. На правой странице (нечётной) приведена таблица деталей, нарисованных на левой странице, с соответствующим номером детали, наименованием, количеством и серийными номерами машины, для которых предназначена данная деталь, в порядке возрастания номеров позиции.
FIG No. (№ рисунка)	Номер рисунка (фиг.) является собственным для данного рисунка и не является номером показанной детали. Номера рисунков (фиг.) могут быть не порядковыми.
INDEX (Указатель)	В указателе приведены номера позиции деталей на рисунке в порядке возрастания цифр.
PART No. (Номер детали)	При заказе на деталь, установленную на рисунке, следует указать номер, приведенный в данной колонне. Именно этот номер определяет каждую деталь.
DESCRIPTION (Наименование детали)	Приведено наименование детали, соответствующей выбранному номеру детали. Точка “.” поставлена перед наименованием каждой составной части устройства. Если составная часть состоит из множества деталей, то эти детали обозначаются двумя точками “..”. Например: ELEMENT ASSEMBLY, AIR CLEANER .. ELEMENT ASSEMBLY, OUTER .. ELEMENT, OUTER .. NUT, WING .. WASHER
Q'TY (Количество)	Указано количество деталей, необходимое на единицу данного устройства. Для деталей составной части устройства, а также для группы деталей указано их количество на единицу составной части или на группу.
SERIAL No. (Серийные номера)	В части двигателя приведены серийные номера двигателей, а в части шасси — серийные номера машин, в которых применена данная деталь.
Условные обозначения	Условные обозначения, применяемые в колоннах “Номер детали” и “Наименование детали”, характеризуют следующее: ☐ Вышеприведенная деталь может заменить настоящую деталь.

Условные
обозначения
(Продолжение)

●	Настоящая деталь может заменить деталь, приведенную на одну строчку выше.
◆	Настоящая деталь и деталь, приведенную на одну строчку выше, имеют взаимозаменяемость.
■	Взамен настоящей детали возможно использовать детали, приведенные в колонне “Наименование детали”, в комплекте.
□	Поставка этой детали прекращена. Взамен этой детали поставляется деталь, приведенная на одну строчку выше.
▼	Поставка этой детали прекращена. Взамен этой детали поставляются детали, приведенные в колонне “Наименование детали”, в комплекте.
☆	Настоящая деталь поставляется только в комплекте, а не в отдельности.
★	Настоящая деталь поставляется, как правило, только в комплекте, а не в отдельности. Ее можно достать только у отдельных дилеров фирмы “Комацу”.
◎	Группа деталей. Детали не подлежат дополнительной поставке.
-----	Детали, ограниченные этой линией, составляют вышеприведенную группу деталей.
G-1, G-2	Обозначения, характеризующие отдельные группы деталей.
KIT	Составляющая комплекта. См. таблицы ремонтных комплектов.
△	Деталь, поставляемая в неготовом виде. Перед употреблением необходимо дополнительно обработать.
PAINT(1)	Детали, отгружаемые в загрунтованном виде.
PAINT(2)	Детали, отгружаемые в окрашенном в другой цвет виде.
(A)	Детали, рассчитанные на холодные районы (-30° C)
(B)	Детали, рассчитанные на особо холодные районы (-50° C)

前言

订购零件时，请注明需要零件的货号、品名、数量以及使用机器的车辆编号、发动机型号和系列号、工作时数。

此零件明细表上不仅记载有标准装备零件，还记载有选购零件、附件零件。如果您需要订货，请与最近的小松代理店联系。

为了清楚明了，零件手册中有如下规定：

图 表	打开此零件清单后， 在左侧的页上（偶数页）用图示表示按安装的装置上的零件。在图示上标有各种零件的索引号码。 在右侧的页上（奇数页）按照左侧图示上表示的零件索引号码以表格的形式 表示货号、品名、数量、适用机型。
FIG. No.	图号 (FIG.) 表示该页图的号码，它不时补充零件用的货号。同时，此号码不一定是连续号码。
INDEX	与图的索引号码一致，按索引号码顺序编制为表格形式。
PART No.	此栏所示的货号是图示零件的货号，它是在订货时需要的标明的特定代号，是非常重要的。
DESCRIPTION	它表示相当于货号的零件名称。 构成组装品的零件，在品名的前面有标记，记载在组装品之后。 另外，如果标记的零件是组装品，在该构成零件的品名前标有 .. 标记。 例如：ELEMENT ASSEMBLY, AIR CLEANER .ELEMENT ASSEMBLY, OUTER ..ELEMENT, OUTER ..NUT, WING ..WASHER
Q'TY	表示 1 台机器中需要使用的该零件数量。 但是，如果是组装零件和零件组的构成零件时，表示其组装件的件数。
SERIAL No.	发动机篇中表示该使用零件的发动机型号，在机体篇中表示该使用零件的车辆号码。
代 号	货号栏和零件品名栏里的代号如下所示： ☐ 上一行的零件可取代此行零件来使用。

代 号
(续)

□	此行零件可代替紧接着的上一行零件使用。
◆	此行零件可与紧挨着的上一行零件互换使用。
■	如果将此行零件说明栏内的零件配套后，可取代此零件来使用。
☒	该行零件已停止供应，用上一行的零件代替使用。
▼	此行零件已停止供应，将此行零件说明栏内的零件配套后代替此零件供应。
☆	此行零件拟成套供应，不以单一零件供应。
★	此行零件拟成套供应，不以单一零件供应，但特定代理除外。
⊙	成组零件，一般不考虑成组供应。
====	用这种符号包括的零件是符号上一行指明成组件的零部件。
G-1,G-2	成组零件编号。
KIT	修理包，关于修理包构件详情，请参考技术服务修理包资料。
△	此行零件以半成品的形式供应，使用前必须再加工。
PAINT(1)	只涂底漆装船。
PAINT(2)	和本体不同颜色装船。
(A)	适用寒冷地区。(- 30℃)
(B)	适用极寒冷地区。(- 50℃)

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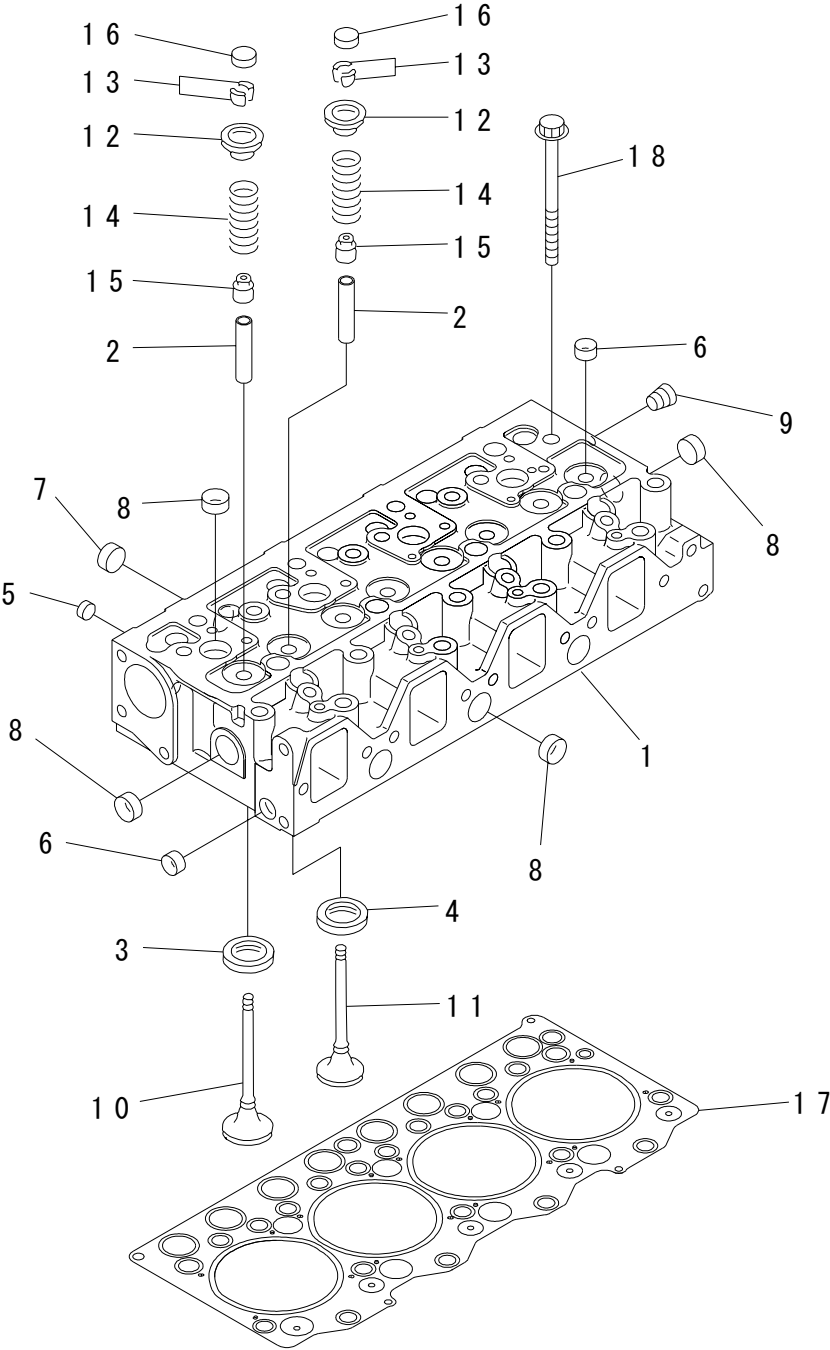
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ENGINE

FIG. A101P-01A2 CYLINDER HEAD

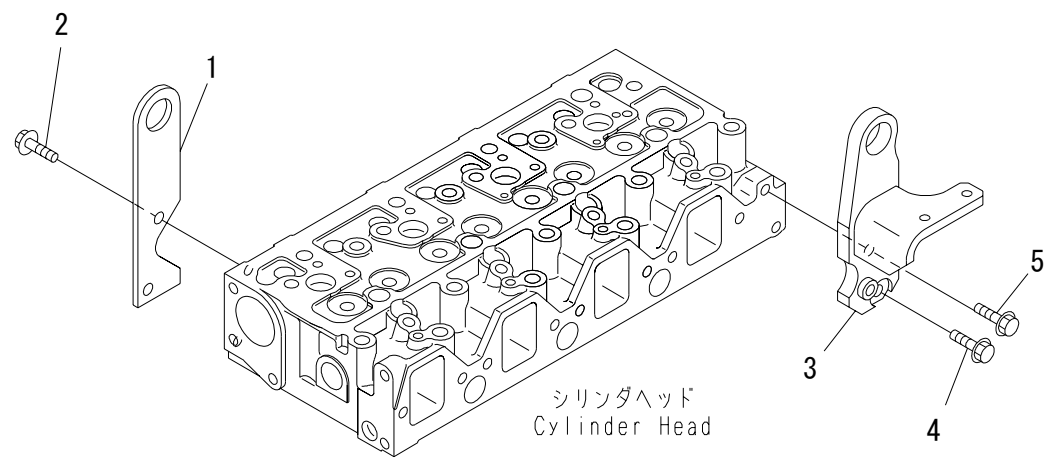


P 4 F 9 5 5 0

FIG NO. : A101P-01A2

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
	6271-11-1010	HEAD ASS' Y.....	1	503377-
	6271-11-1100	CYLINDER HEAD A., VALVE LESS.....	1	503377-
1	☆	. HEAD, CYLINDER.....	1	503377-
2	6204-19-1310	. GUIDE, VALVE.....	8	503377-
3	6207-11-1431	. SEAT, INTAKE VALVE..... (STD).....	4	503377-
	6207-19-1431	. SEAT, 0. 25MM, INTAKE VALVE... (OS).....	4	503377-
	6207-18-1431	. SEAT, 0. 50MM, INTAKE VALVE... (OS).....	4	503377-
4	6208-11-1440	. SEAT, EXHAUST VALVE..... (STD).....	4	503377-
	6208-19-1440	. SEAT, 0. 25MM, EXHAUST VALVE... (OS).....	4	503377-
	6208-18-1440	. SEAT, 0. 50MM, EXHAUST VALVE... (OS).....	4	503377-
5	07046-41008	. PLUG.....	4	503377-
6	07046-41810	. PLUG.....	9	503377-
7	07046-42216	. PLUG.....	3	503377-
8	07046-42516	. PLUG.....	11	503377-
9	02720-40104	. PLUG.....	1	503377-
10	6207-41-4130	VALVE, INTAKE.....	4	503377-
11	6209-41-4210	VALVE, EXHAUST.....	4	503377-
12	6204-41-4510	SEAT.....	8	503377-
13	6204-41-4520	COTTER.....	16	503377-
14	6204-41-4410	SPRING, VALVE.....	8	503377-
15	6204-41-4541	SEAL.....	8	503377-
16	6204-41-4550	CAP.....	8	503377-
17	6204-11-1840	GASKET..... (K1).....	1	503377-
18	6204-13-1610	BOLT.....	17	503377-

FIG. A105P-01B4 LIFTING BRACKET

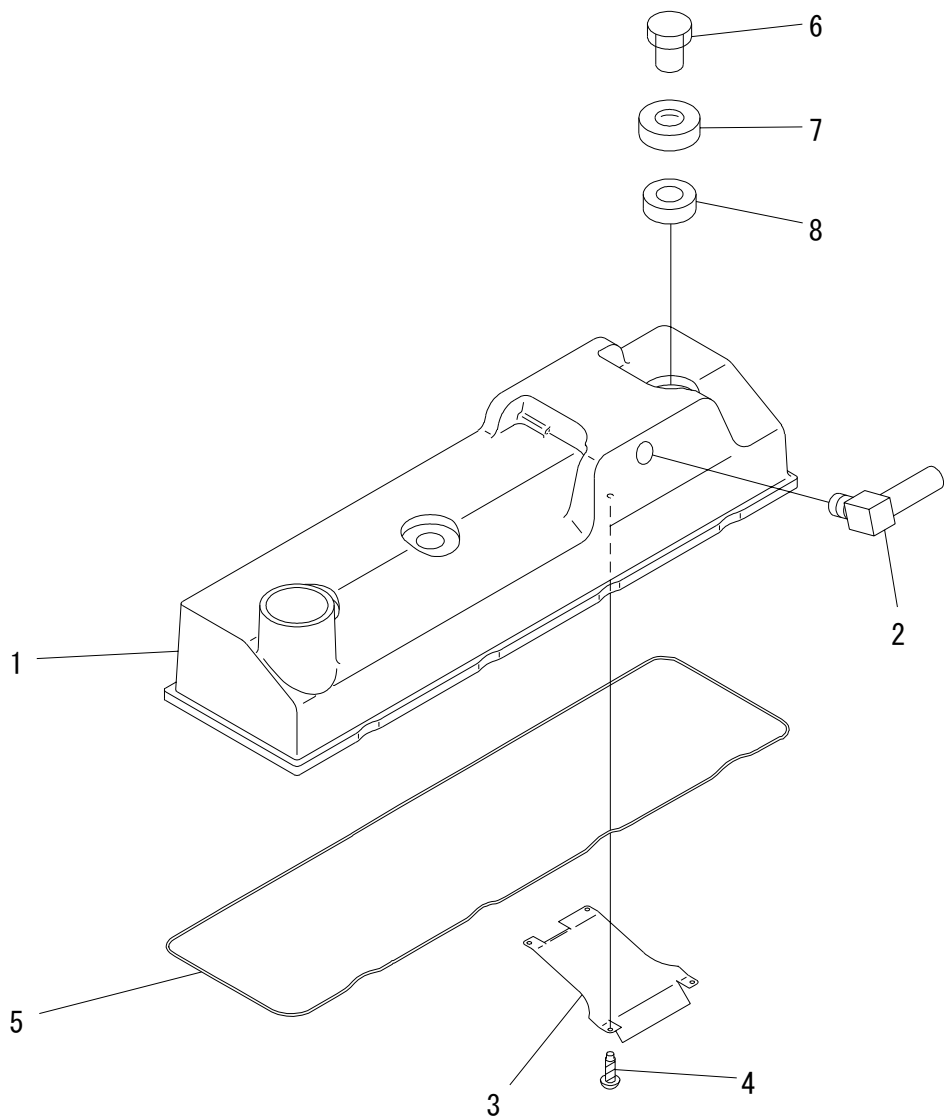


P 4 F 9 4 1 1

FIG NO. : A105P-01B4

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6207-11-1920	HANGER, FRONT.	1	503377-
2	01435-01020	BOLT.	2	503377-
3	6271-11-1940	HANGER, REAR.	1	503377-
4	01435-01025	BOLT.	1	503377-
5	01435-01030	BOLT.	1	503377-

FIG. A111P-01D0 HEAD COVER

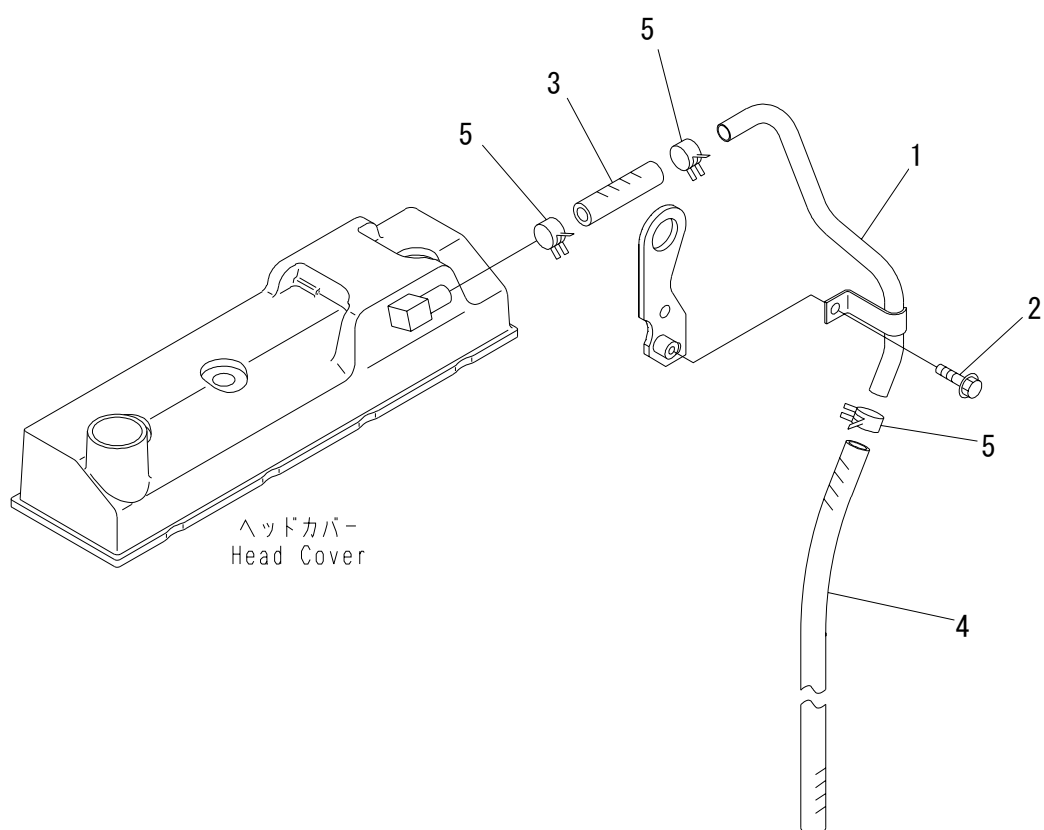


P 4 F 9 4 1 2

FIG NO. : A111P-01D0

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
	6271-11-8100	HEAD COVER ASS' Y.....	1	503377-
1	6271-11-8110	. HEAD COVER ASS' Y.....	1	503377-
2	6271-11-8170	. ELBOW.....	1	503377-
3	6207-11-8140	. PLATE.....	1	503377-
4	04418-02550	. SCREW.....	4	503377-
5	6204-11-8810	O-RING..... (K1).....	1	503377-
6	6136-11-8120	NUT.....	3	503377-
7	6136-11-8130	WASHER.....	3	503377-
8	6136-11-8142	RUBBER..... (K1).....	3	503377-

FIG. A111V-01B1 BREATHING

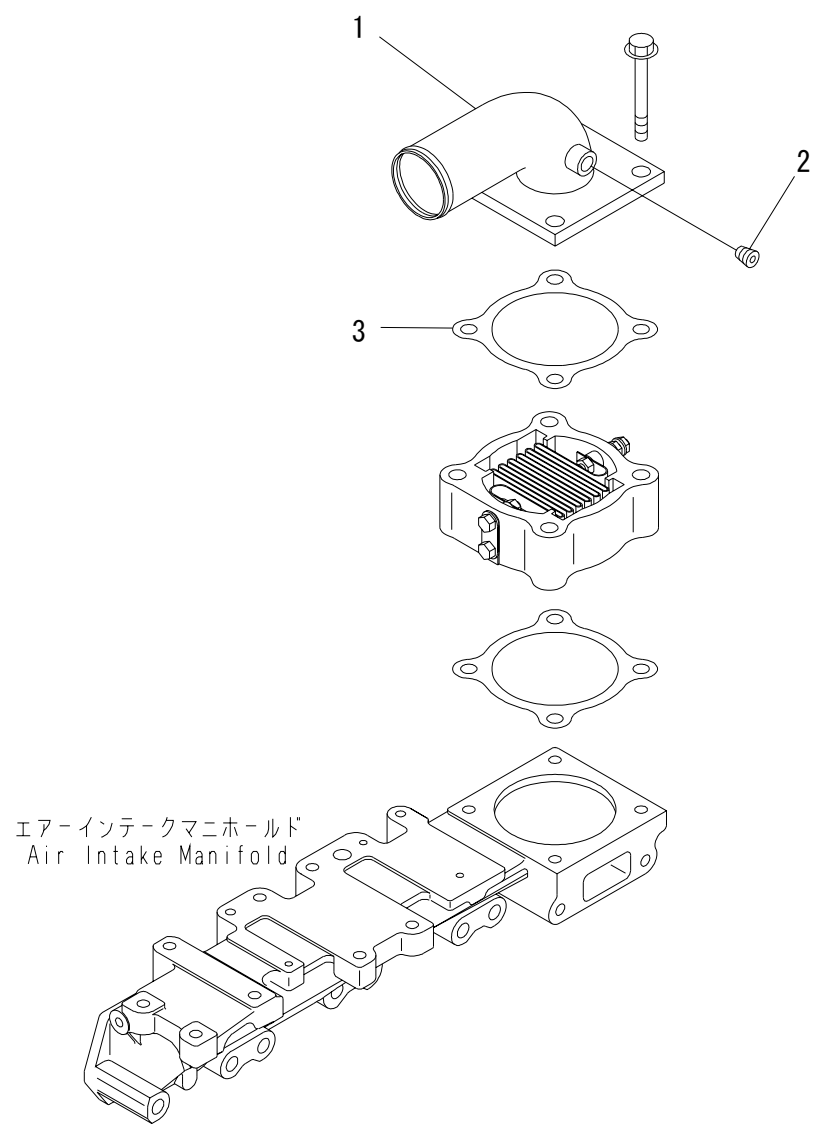


P 4 F 9 4 1 3

FIG NO. : A111V-01B1

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6271-11-8910	TUBE.....	1	503377-
2	01435-00814	BOLT.....	1	503377-
3	07286-01606	HOSE.....	1	503377-
4	07286-01660	HOSE.....	1	503377-
5	07285-00180	CLAMP.....	3	503377-

FIG. A131P-01C4 AIR INTAKE CONNECTOR

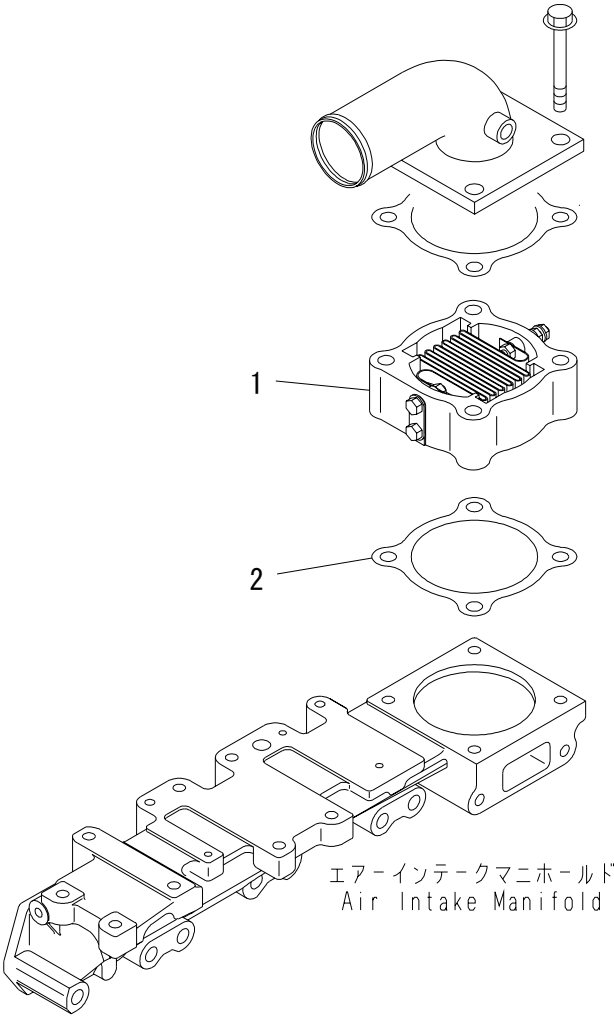


P 4 F 9 4 1 4

FIG NO. : A131P-01C4

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6271-11-4420	CONNECTOR, AIR.	1	503377-
2	6732-11-1930	PLUG.	1	503377-
3	6204-11-4850	GASKET..... (K1).....	1	503377-

FIG. A131R-01A7 AIR INTAKE HEATER

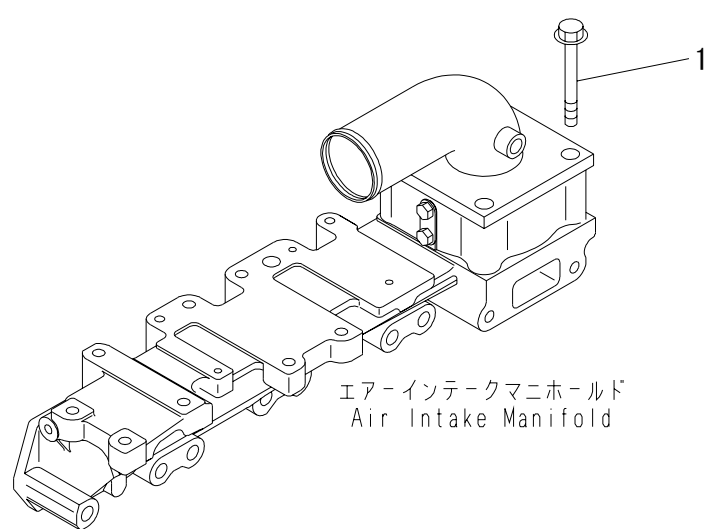


P 4 F 9 4 5 1

FIG NO. : A131R-01A7

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	600-815-9670	HEATER, RIBBON.	1	503377-
2	6204-11-4850	GASKET.....	1	503377-

FIG. A131V-01A7 AIR INTAKE CONNECTOR MOUNTING

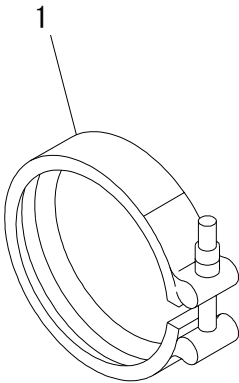


P 4 F 9 4 1 5

FIG NO. : A131V-01A7

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	01435-01070	BOLT.....	4	503377-

FIG. A151R-01A4 AIR INTAKE CONNECTOR MOUNTING

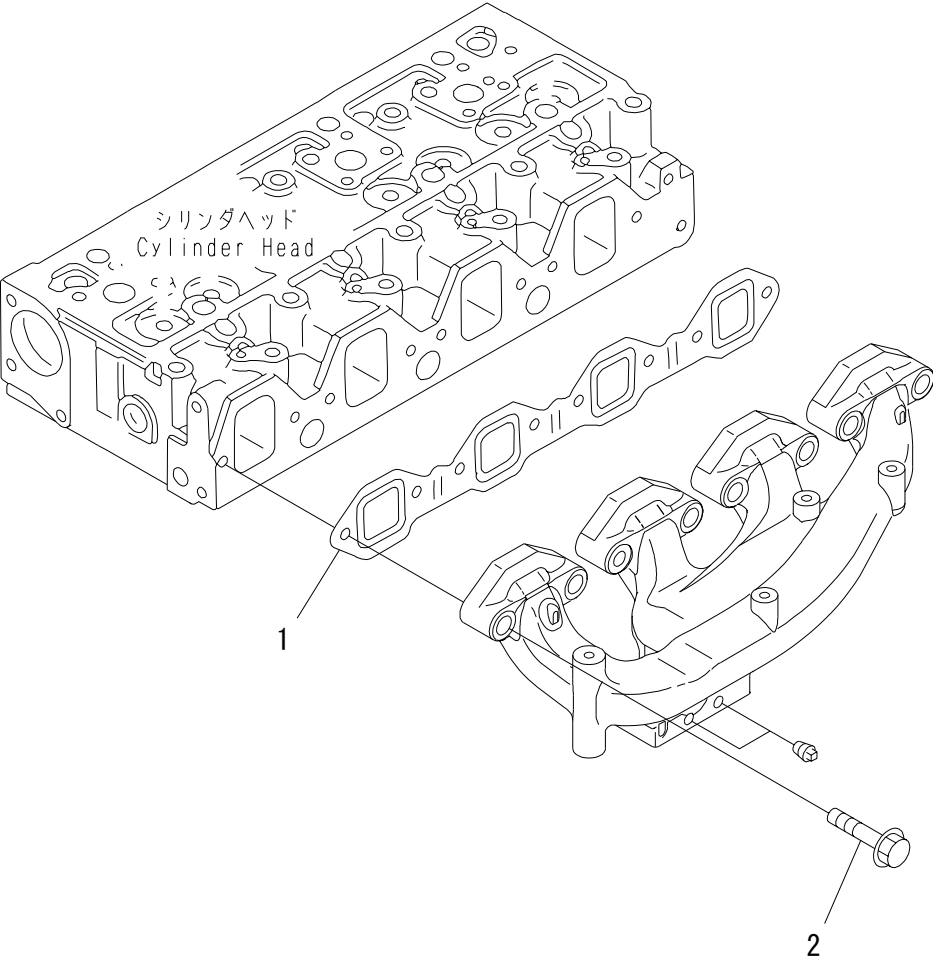


P 4 F 9 4 1 6

FIG NO. : A151R-01A4

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6732-81-8220	BAND.....	1	503377-

FIG. A151V-01B1 EXHAUST MUFFLER MOUNTING

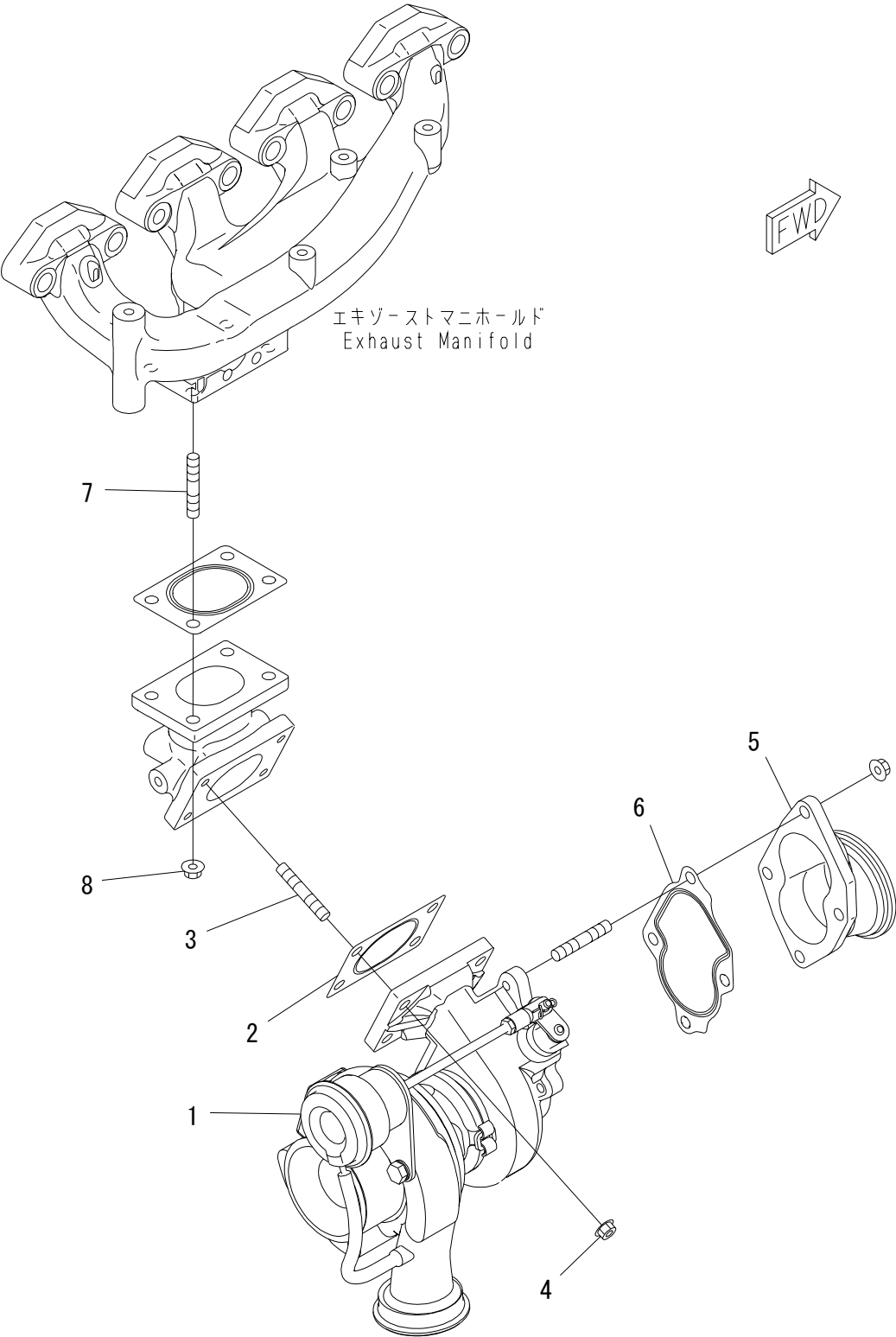


P 4 F 9 4 1 7

FIG NO. : A151V-01B1

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6205-11-5811	GASKET..... (K1).....	1	503377-
2	01435-01045	BOLT.....	8	503377-

FIG. A153P-01B4 TURBOCHARGER

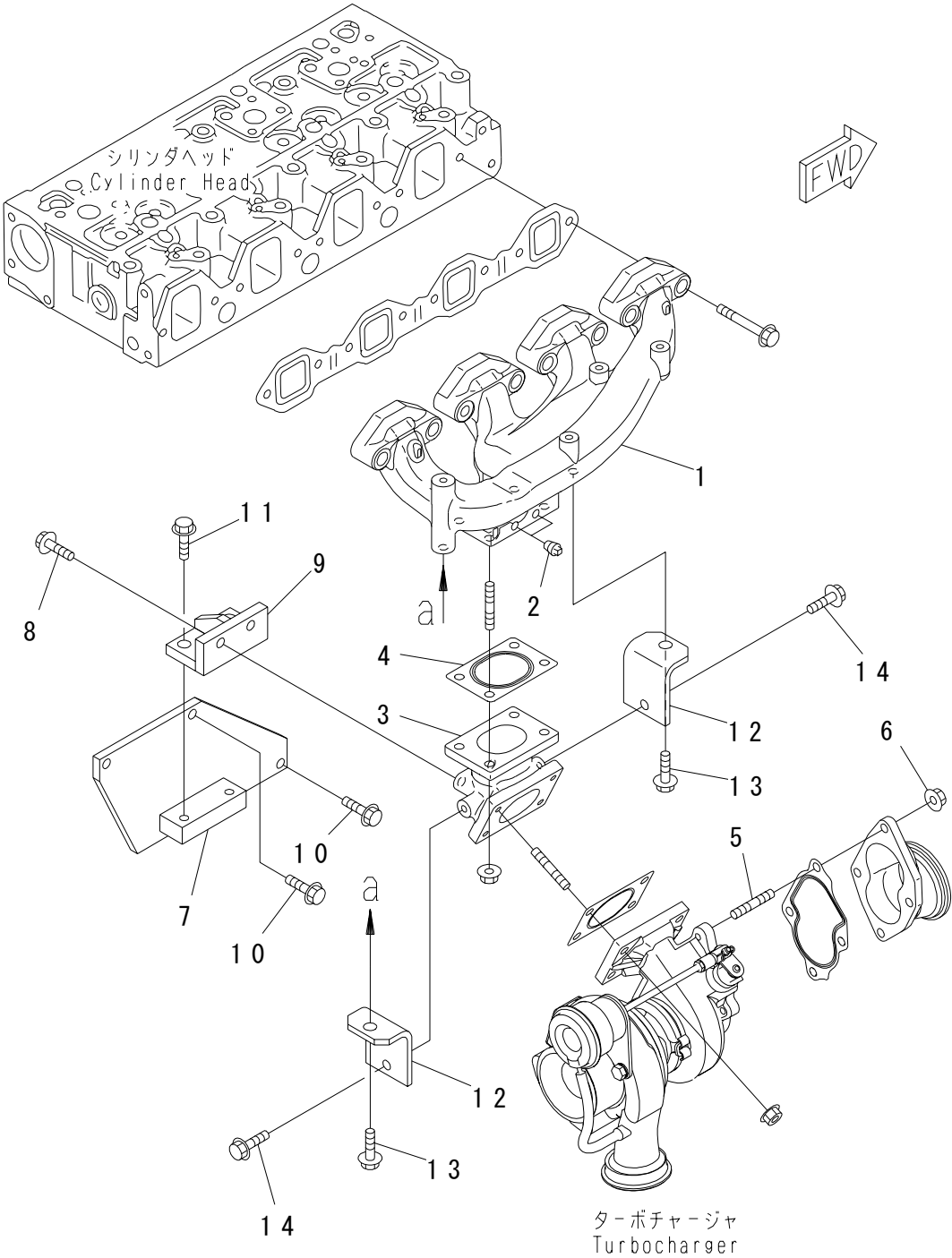


P 4 F 9 4 1 8

FIG NO. : A153P-01B4

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6271-81-8310	TURBOCHARGER ASS' Y.....	1	503377-
2	6205-11-5580	GASKET..... (K1).....	1	503377-
3	6271-11-5820	STUD.....	4	503377-
4	6271-11-5810	NUT.....	4	503377-
5	6205-11-5670	CONNECTOR.....	1	503377-
6	6271-11-5850	GASKET..... (K1).....	1	503377-
7	01124-60825	STUD.....	4	503377-
8	6201-11-5850	NUT.....	4	503377-

FIG. A153S-01C1 EXHAUST MANIFOLD

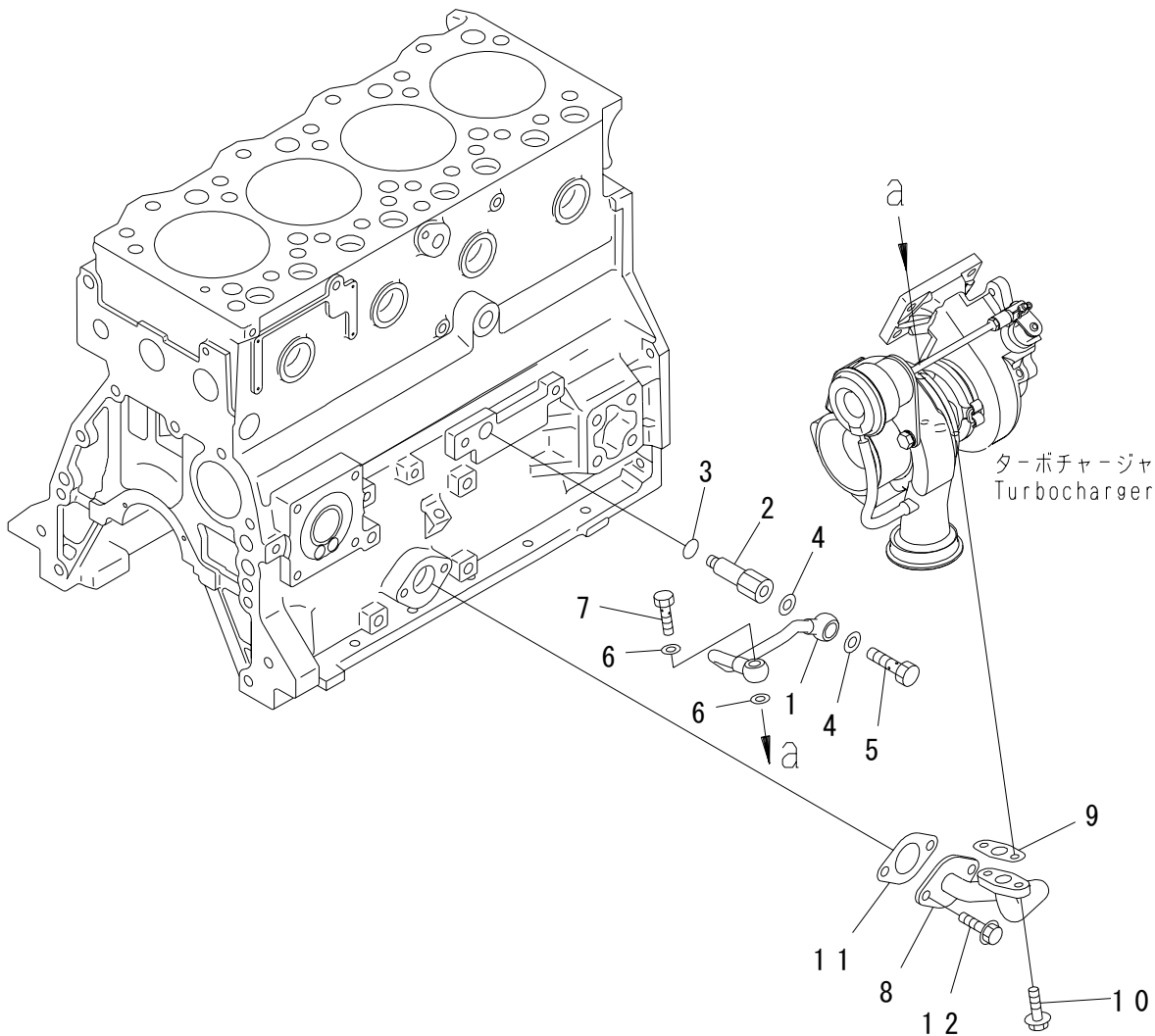


P 4 F 9 4 1 9

FIG NO. : A153S-01C1

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6271-11-5110	MANIFOLD, EXHAUST.....	1	503377-
2	07042-20108	PLUG.....	2	503377-
3	6271-11-5190	CONNECTOR.....	1	503377-
4	6205-11-5580	GASKET..... (K1).....	1	503377-
5	01124-60825	STUD.....	4	503377-
6	6201-11-5850	NUT.....	4	503377-
7	6271-11-5510	BRACKET.....	1	503377-
8	01435-00820	BOLT.....	2	503377-
9	6271-11-5520	BRACKET.....	1	503377-
10	01435-00820	BOLT.....	2	503377-
11	01435-01025	BOLT.....	2	503377-
12	6271-11-5530	BRACKET.....	2	503377-
13	01435-01020	BOLT.....	2	503377-
14	01435-00816	BOLT.....	2	503377-

FIG. A153T-01E2 TURBOCHARGER OIL PIPING

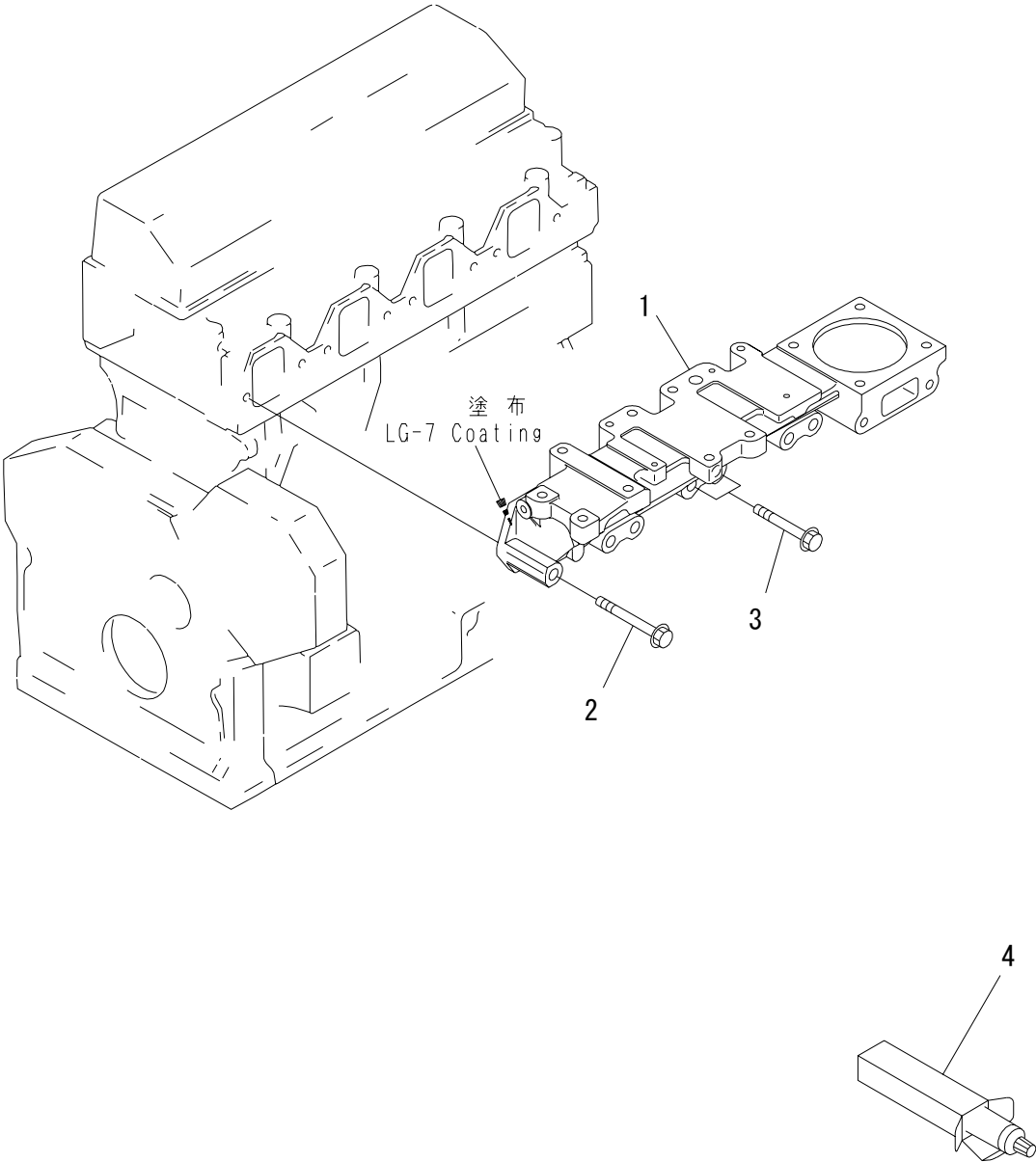


P 4 F 9 4 2 0

FIG NO. : A153T-01E2

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6271-51-8230	TUBE, SUPPLY.....	1	503377-
2	6271-51-8240	NIPPLE.....	1	503377-
3	6215-81-9720	O-RING..... (K2).....	1	503377-
4	07005-01412	GASKET..... (K1, K2)...	2	503377-
5	07206-31014	BOLT, JOINT.....	1	503377-
6	07003-01015	GASKET..... (K1, K2)...	2	503377-
7	6205-51-8251	BOLT.....	1	503377-
8	6271-51-8470	TUBE.....	1	503377-
9	6205-51-7611	GASKET..... (K1, K2)...	1	503377-
10	01435-00616	BOLT.....	2	503377-
11	6204-21-6820	GASKET..... (K1, K2)...	1	503377-
12	01435-00814	BOLT.....	2	503377-

FIG. A153U-01A3 AIR INTAKE

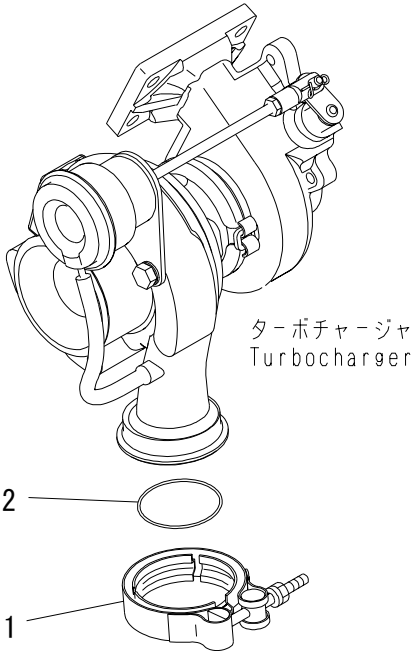


P 4 F 9 4 2 1

FIG NO. : A153U-01A3

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6271-11-4130	MANIFOLD, AIR INTAKE.....	1	503377-
2	01435-01075	BOLT.....	6	503377-
3	01435-01065	BOLT.....	2	503377-
4	09920-00150	LIQUID GASKET, LG-7, 150G.....	AR	503377-

FIG. A153W-01B0 AIR TRANSFER CONNECTION

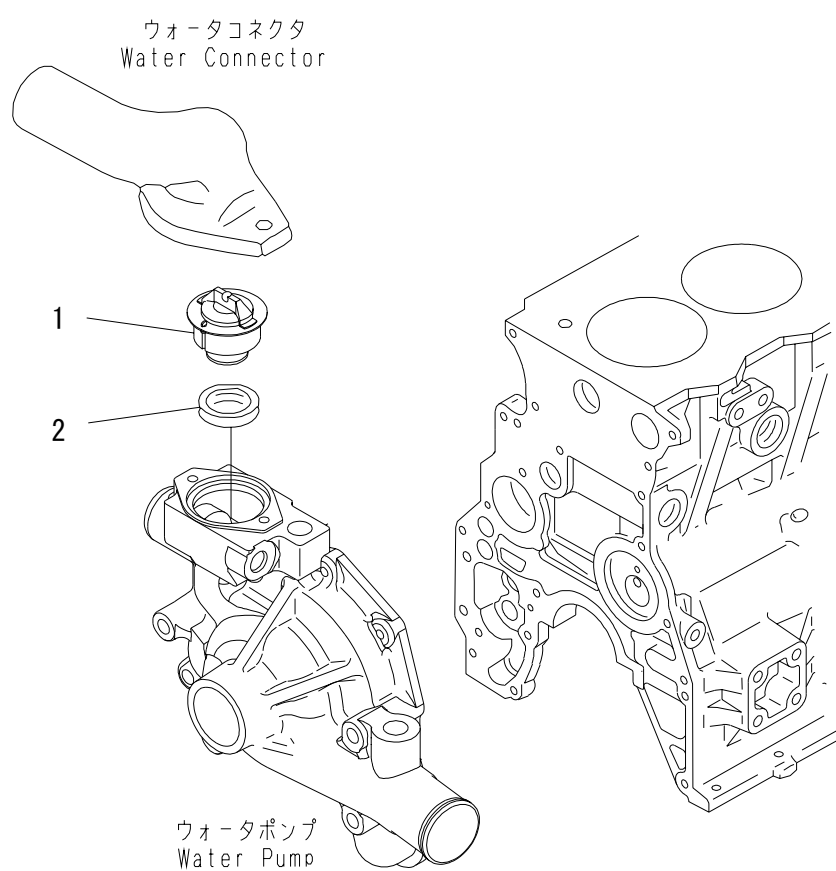


P 4 F 9 4 2 2

FIG NO. : A153W-01B0

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6271-11-4930	CLAMP.....	1	503377-
2	6271-11-4920	SEAL..... (K1).....	1	503377-

FIG. A173R-01B1 THERMOSTAT

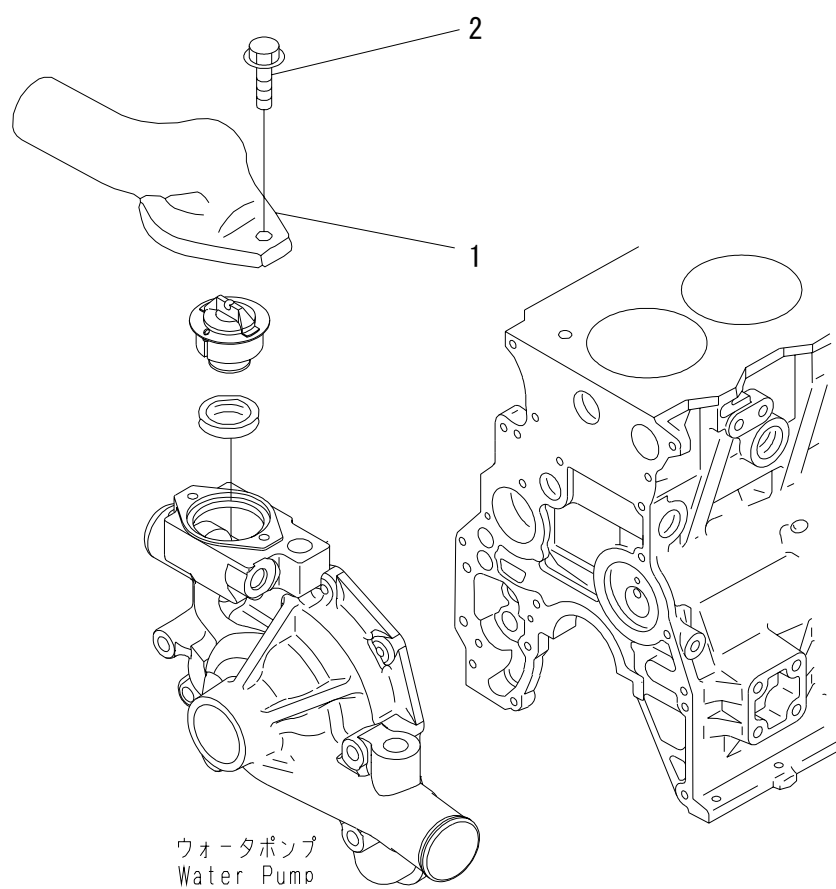


P 4 F 9 4 2 4

FIG NO. : A173R-01B1

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	600-421-6120	THERMOSTAT.....	1	503377-
2	6140-11-6331	GASKET..... (K1).....	1	503377-

FIG. A173S-01A8 WATER OUTLET CONNECTOR

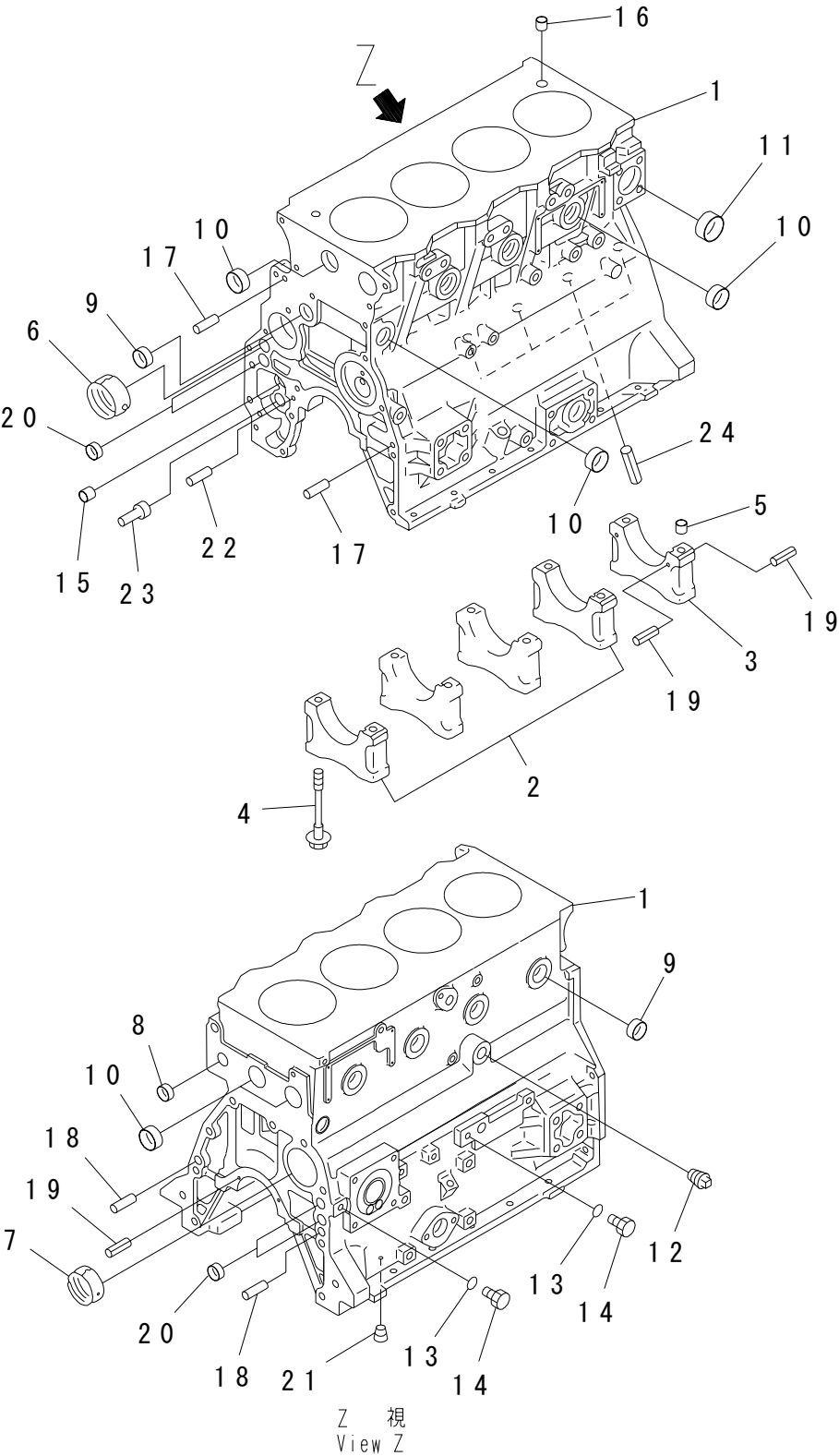


P 4 F 9 4 2 3

FIG NO. : A173S-01A8

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6204-11-6430	CONNECTOR.	1	503377-
2	01435-00820	BOLT.	2	503377-

FIG. A201S-01A6 CYLINDER BLOCK

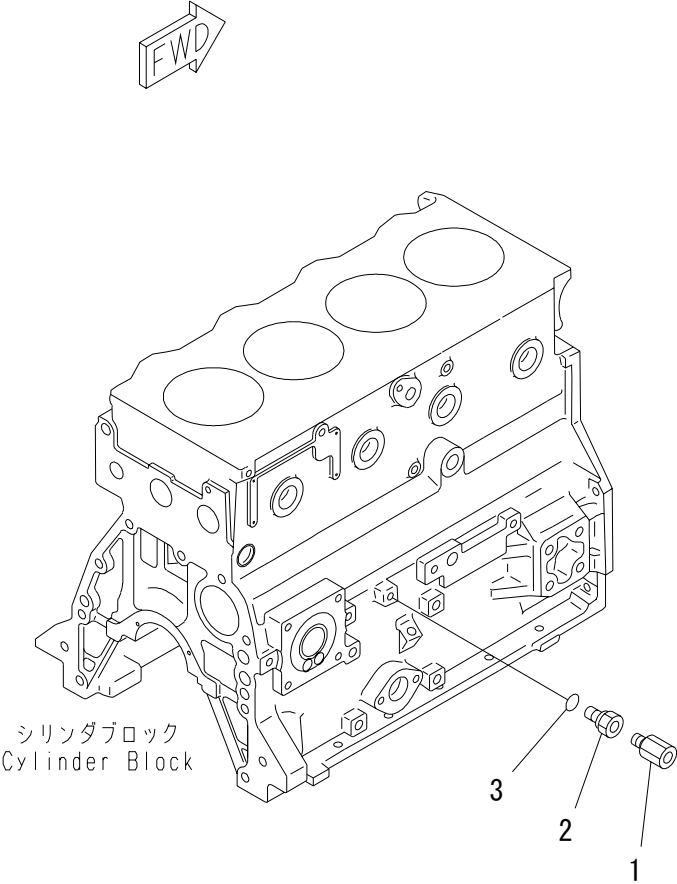


P 4 F 9 5 5 1

FIG NO. : A201S-01A6

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
	6271-21-1000	CYLINDER BLOCK ASS' Y.	1	503377-
1	☆	. BLOCK, CYLINDER.	1	503377-
2	△6204-29-1210	. CAP, MAIN METAL, NO. 1, 2, 3, 4.	4	503377-
3	△6204-29-1220	. CAP, MAIN METAL, NO. 5.	1	503377-
4	6204-21-1610	. BOLT, MAIN CAP.	10	503377-
5	6141-21-1530	. BUSHING, DOWEL.	2	503377-
6	6206-21-1430	. BUSHING, CAMSHAFT.	1	503377-
7	6206-21-1420	. BUSHING, CAMSHAFT.	2	503377-
8	07046-42216	. PLUG.	1	503377-
9	07046-42516	. PLUG.	5	503377-
10	07046-43016	. PLUG.	7	503377-
11	07046-44016	. PLUG.	1	503377-
12	07042-70312	. PLUG.	1	503377-
13	6215-81-9710	. O-RING. (K2)	5	503377-
14	6215-81-9510	. PLUG.	5	503377-
15	6204-51-1711	. BUSHING, OIL PUMP.	1	503377-
16	6140-21-1130	. BUSHING, DOWEL.	2	503377-
17	04020-00820	. PIN, DOWEL.	2	503377-
18	04020-01228	. PIN, DOWEL.	2	503377-
19	04025-00408	. PIN, SPRING.	6	503377-
20	07046-41810	. PLUG.	4	503377-
21	07043-70108	. PLUG.	1	503377-
22	6136-52-1620	. PIN, DOWEL, OIL PUMP.	1	503377-
23	6204-51-1620	. SHAFT, OIL PUMP.	1	503377-
24	6207-21-1190	. PIN.	4	503377-

FIG. A201W-01A5 OIL PRESSURE SWITCH

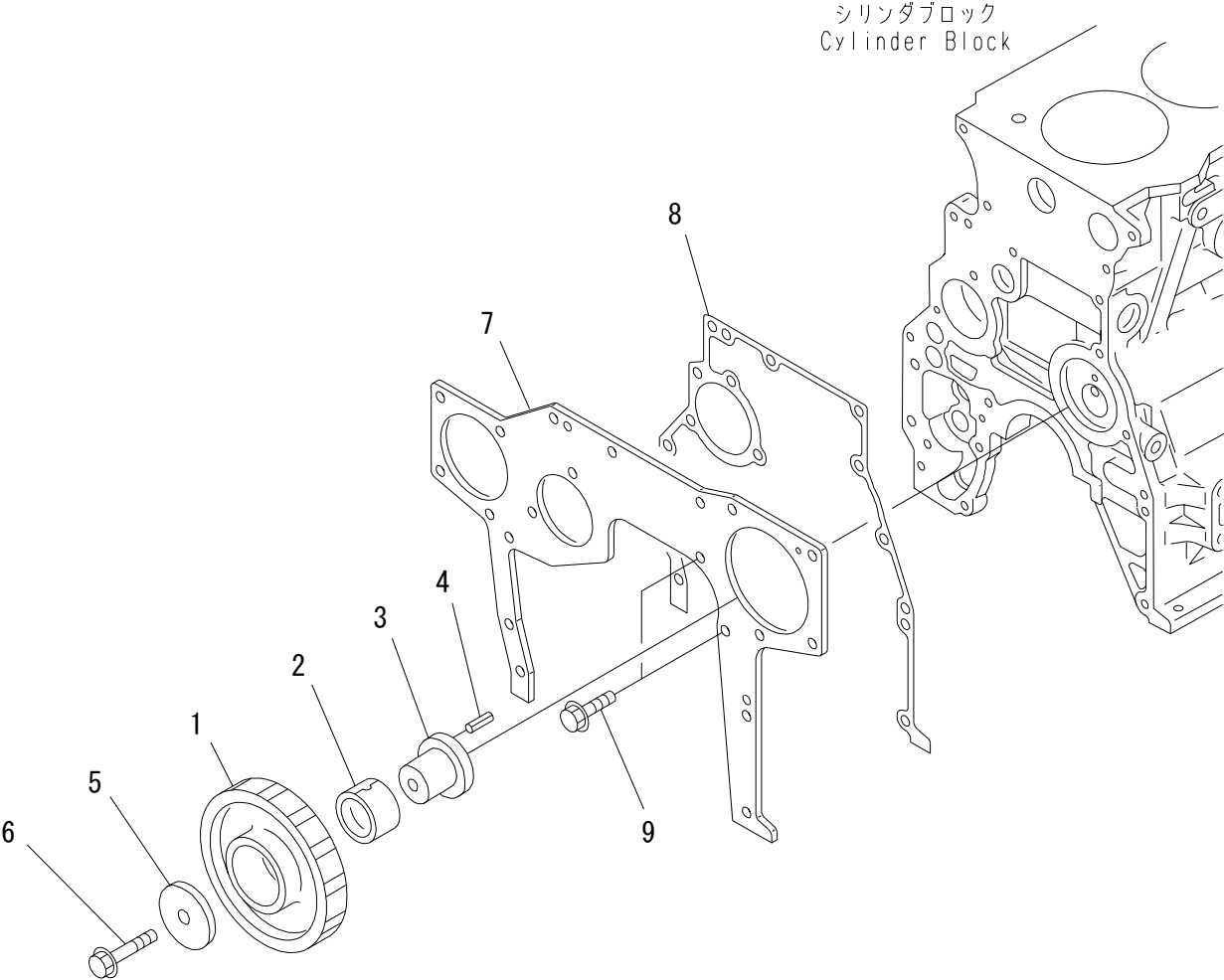


P 4 F 9 4 2 6

FIG NO. : A201W-01A5

[illegible]

FIG. A204V-01A3 FRONT GEAR

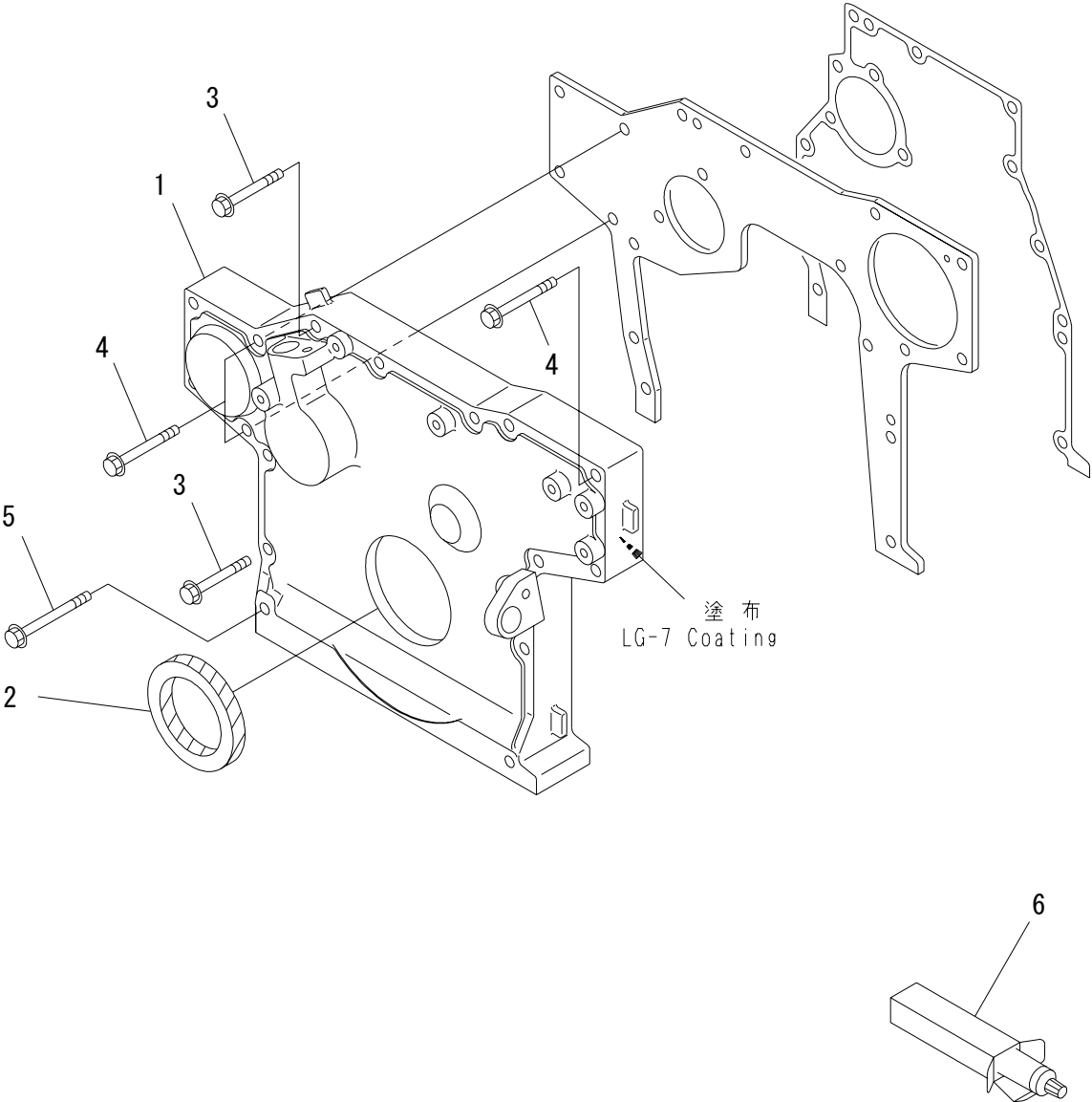


P 4 F 9 4 2 7

FIG NO. : A204V-01A3

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
	6271-31-6300	IDLER GEAR ASS' Y.....	1	503377-
1	☆	. GEAR, IDLER.....	1	503377-
2	6204-31-6341	. BUSHING.....	1	503377-
3	6204-31-6331	SHAFT.....	1	503377-
4	04025-00512	PIN, SPRING.....	1	503377-
5	6204-31-6350	WASHER.....	1	503377-
6	01435-01270	BOLT.....	1	503377-
7	6271-21-3220	PLATE.....	1	503377-
8	6206-21-3840	GASKET..... (K2).....	1	503377-
9	01435-00816	BOLT.....	2	503377-

FIG. A204W-01A4 FRONT GEAR COVER

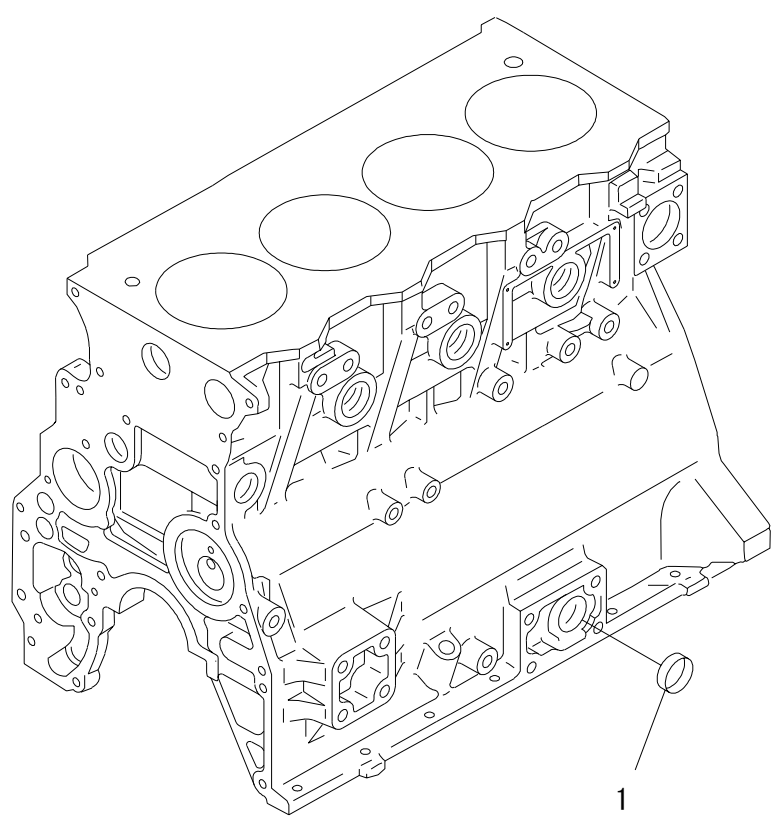


P 4 F 9 4 2 8

FIG NO. : A204W-01A4

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6271-21-3110	COVER, FRONT.....	1	503377-
2	6204-21-3510	SEAL..... (K2).....	1	503377-
3	01435-00855	BOLT.....	6	503377-
4	01435-00860	BOLT.....	8	503377-
5	01435-00870	BOLT.....	2	503377-
6	(09920-00150)	LIQUID GASKET, LG-7, 150G.....	AR	503377-

FIG. A207P-01B0 CYLINDER BLOCK BLIND PLUG

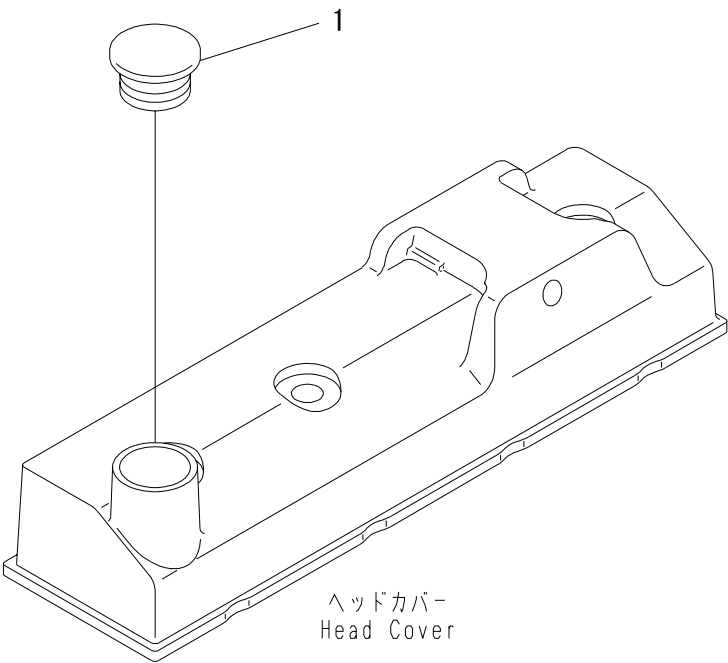


P 4 F 9 4 2 9

FIG NO. : A207P-01B0

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	07046-23016	PLUG.....	1	503377-

FIG. A207S-01A3 HEAD COVER ACCESSORY

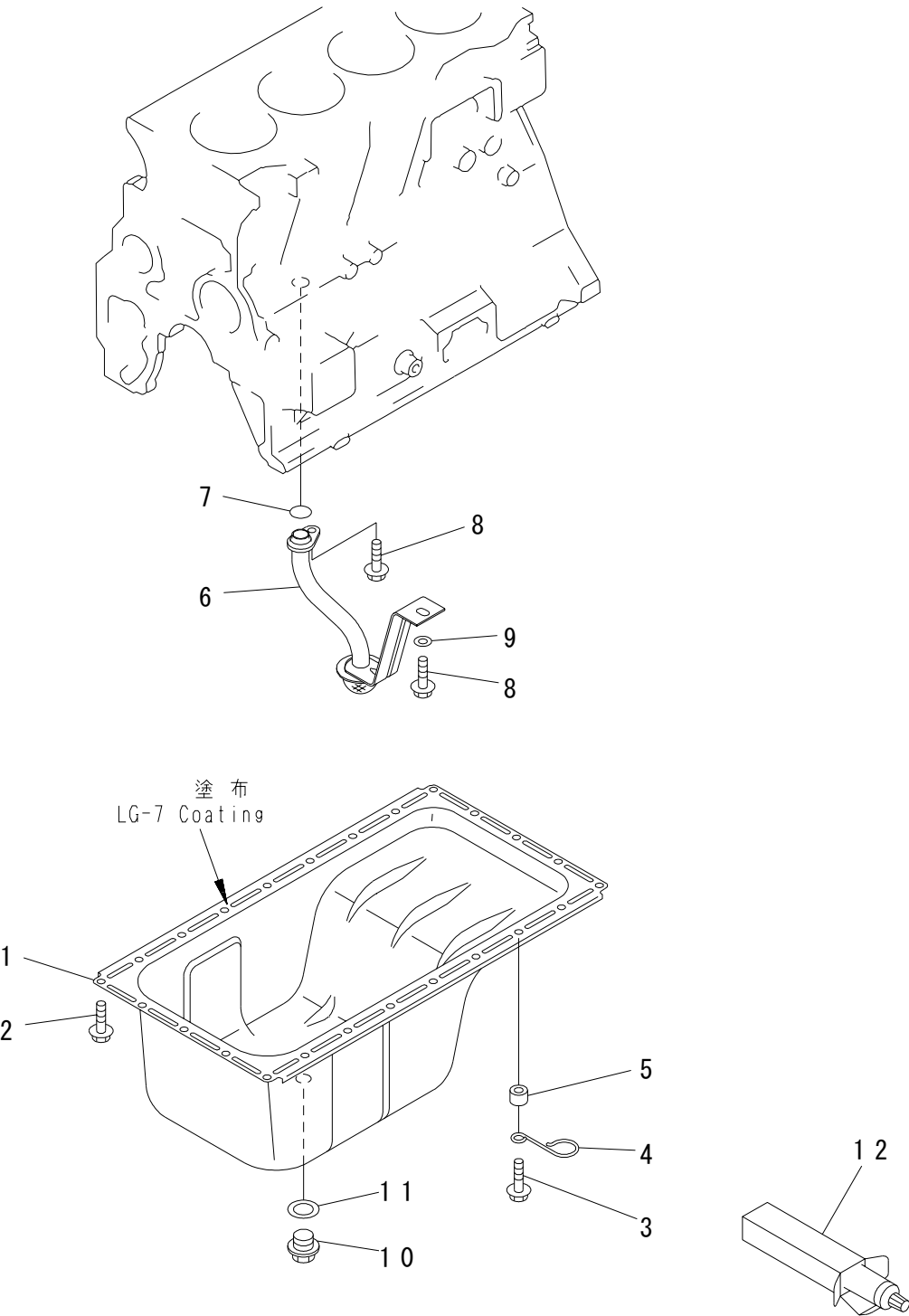


P 4 F 9 4 3 0

FIG NO. : A207S-01A3

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6204-11-8610	CAP, OIL FILLER.	1	503377-

FIG. A211P-01B3 OIL PAN AND SUCTION TUBE

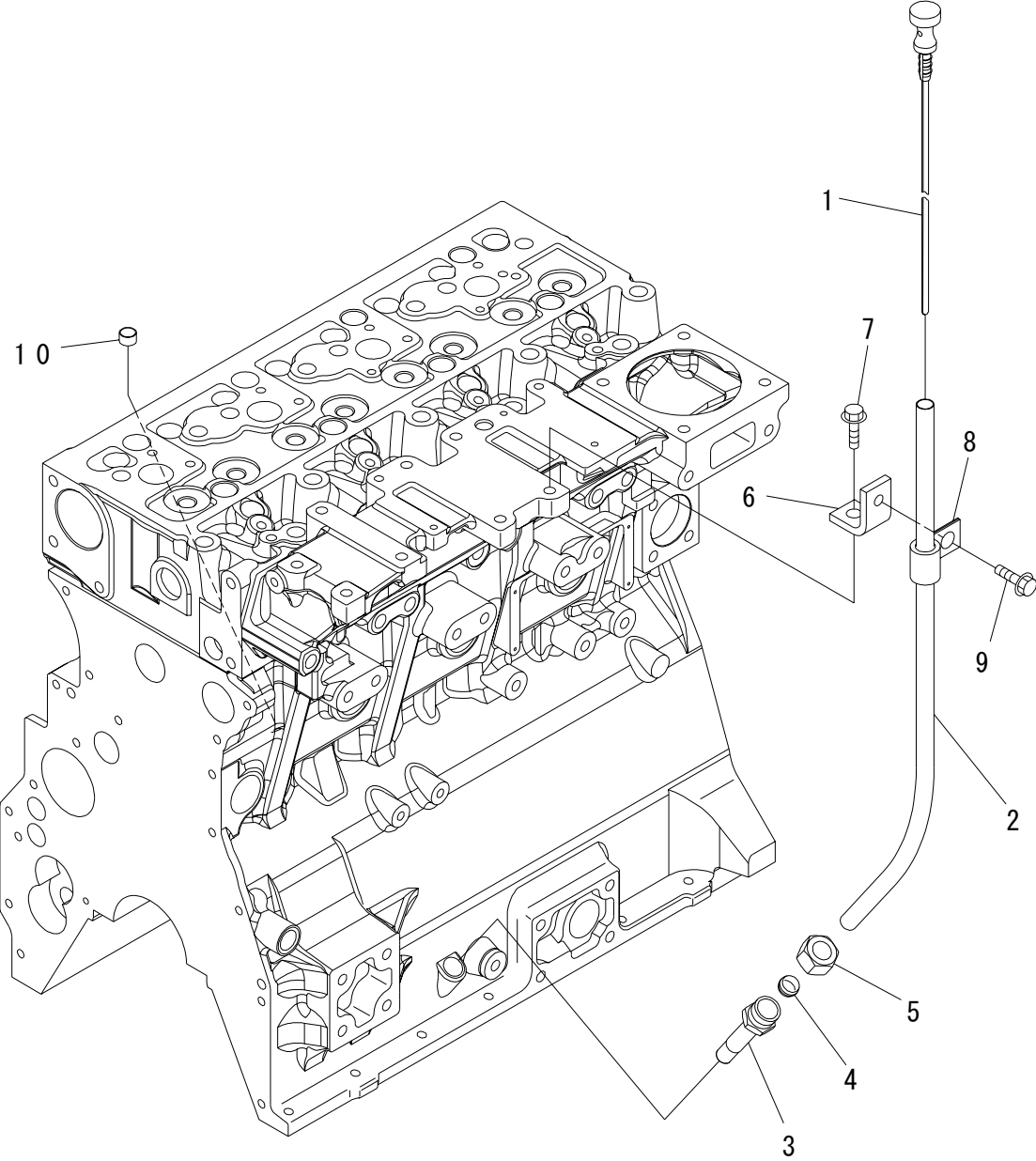


P 4 F 9 4 3 1

FIG NO. : A211P-01B3

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6205-21-5152	PAN, OIL.....	1	503377-
2	01435-00814	BOLT.....	23	503377-
3	01435-00825	BOLT.....	1	503377-
4	6130-22-5290	CLIP.....	1	503377-
5	6130-12-1961	SPACER.....	1	503377-
6	6205-51-6140	TUBE, SUCTION.....	1	503377-
7	6204-51-6122	O-RING..... (K2).....	1	503377-
8	01435-00816	BOLT.....	2	503377-
9	01643-30823	WASHER.....	1	503377-
10	6204-21-5180	PLUG.....	1	503377-
11	07005-02216	GASKET..... (K1).....	1	503377-
12	(09920-00150)	LIQUID GASKET, LG-7, 150G.....	AR	503377-

FIG. A219P-01C5 OIL LEVEL GAUGE

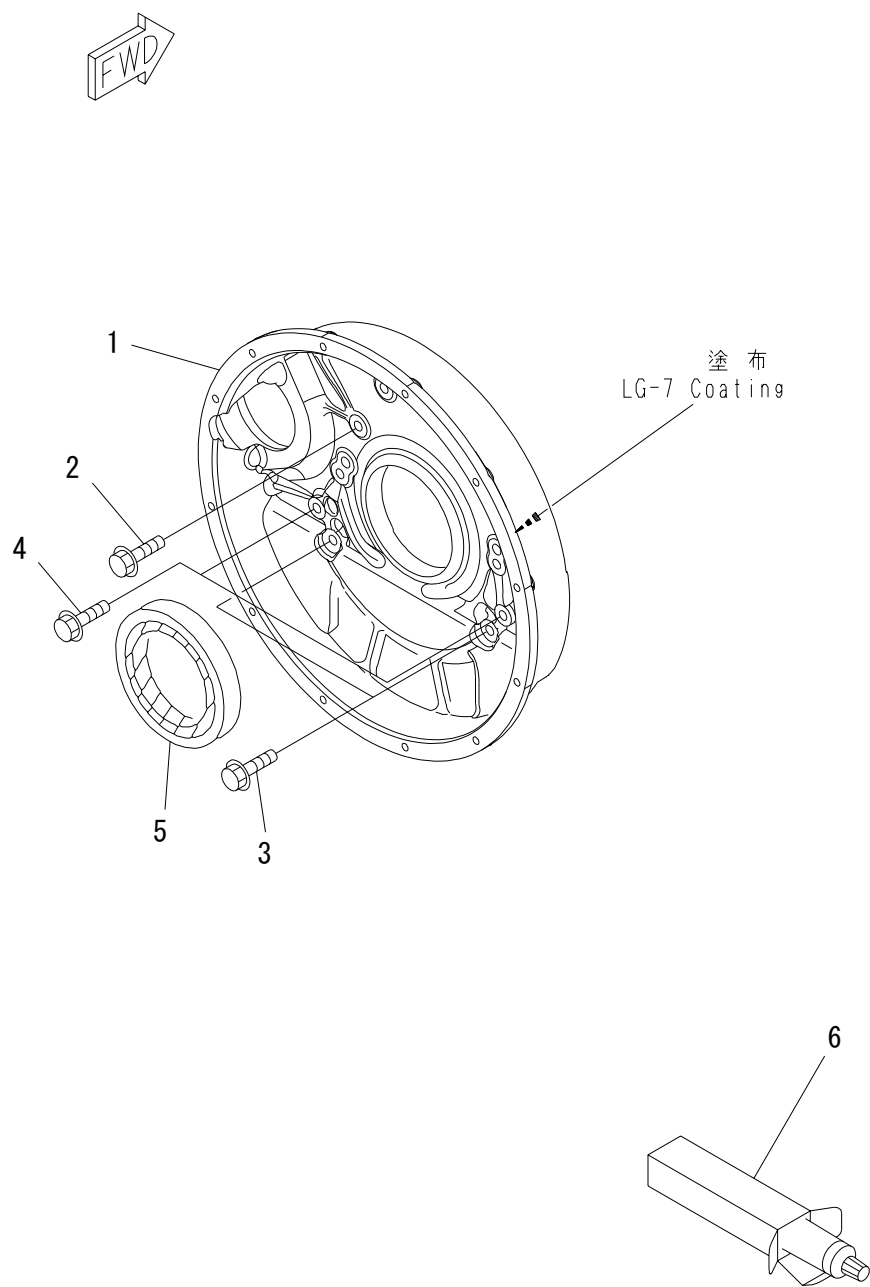


P 4 F 9 4 3 2

FIG NO. : A219P-01C5

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6271-21-5340	GAUGE, OIL.....	1	503377-
2	6271-21-5430	GUIDE, OIL GAUGE.....	1	503377-
3	6204-21-5510	GUIDE.....	1	503377-
4	6150-21-5920	COLLAR.....	1	503377-
5	6150-21-5930	NUT.....	1	503377-
6	6216-71-5910	BRACKET.....	1	503377-
7	01435-01020	BOLT.....	1	503377-
8	04434-51210	CLIP.....	1	503377-
9	01435-01014	BOLT.....	1	503377-
10	07046-21210	PLUG.....	1	503377-

FIG. A221P-01B1 FLYWHEEL HOUSING

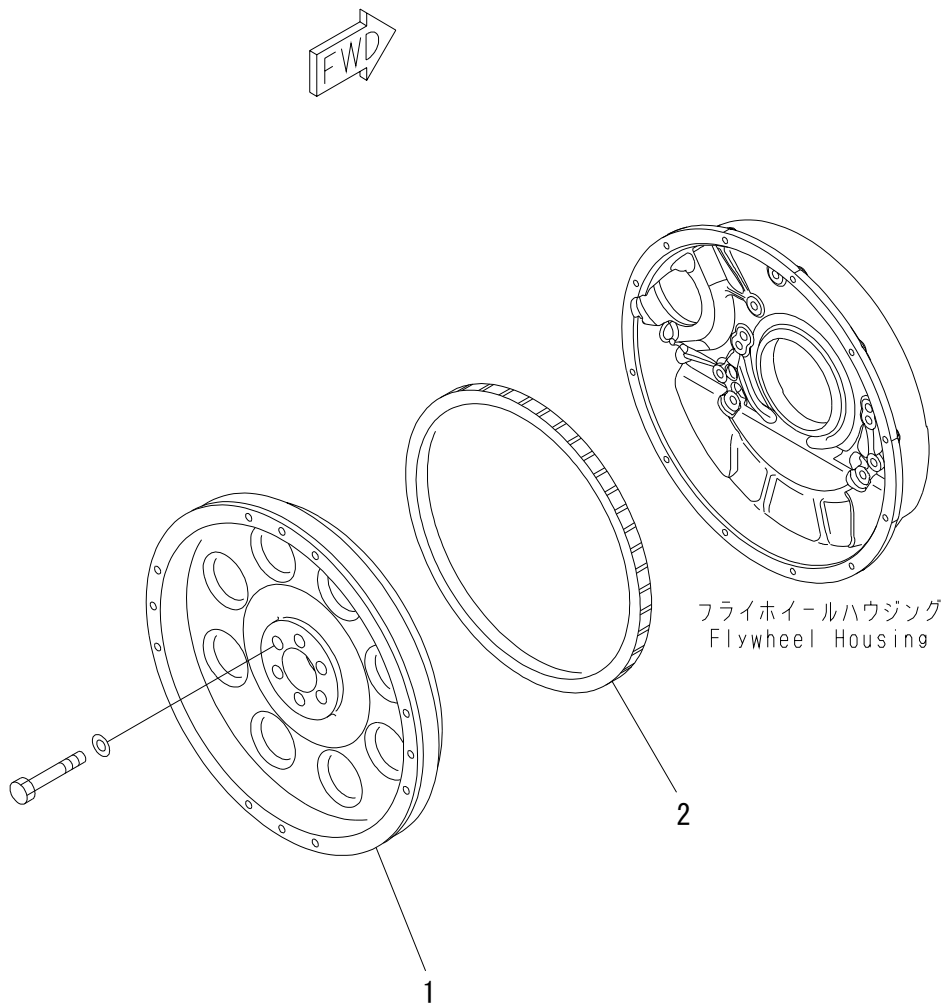


P 4 F 9 4 3 3

FIG NO. : A221P-01B1

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6271-21-4130	HOUSING, FLYWHEEL.....	1	503377-
2	01435-01030	BOLT.....	7	503377-
3	01435-01035	BOLT.....	2	503377-
4	01435-01040	BOLT.....	2	503377-
5	6140-21-1341	SEAL..... (K2).....	1	503377-
6	(09920-00150)	LIQUID GASKET, LG-7, 150G.....	AR	503377-

FIG. A223P-01D9 FLYWHEEL

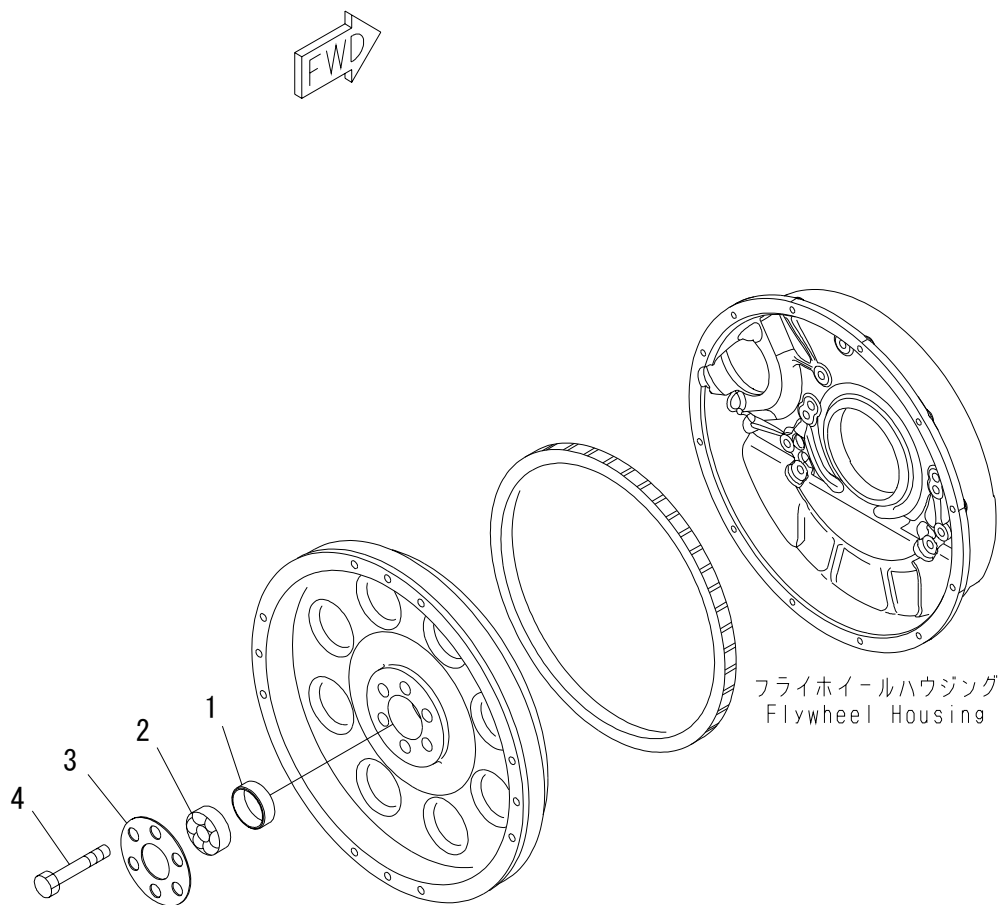


P 4 F 9 4 3 4

FIG NO. : A223P-01D9

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6206-31-4133	FLYWHEEL ASS' Y.....	1	503377-
	☆	. FLYWHEEL.....	1	503377-
2	6206-31-4792	. GEAR, RING.....	1	503377-

FIG. A223R-01A2 FLYWHEEL MOUNTING

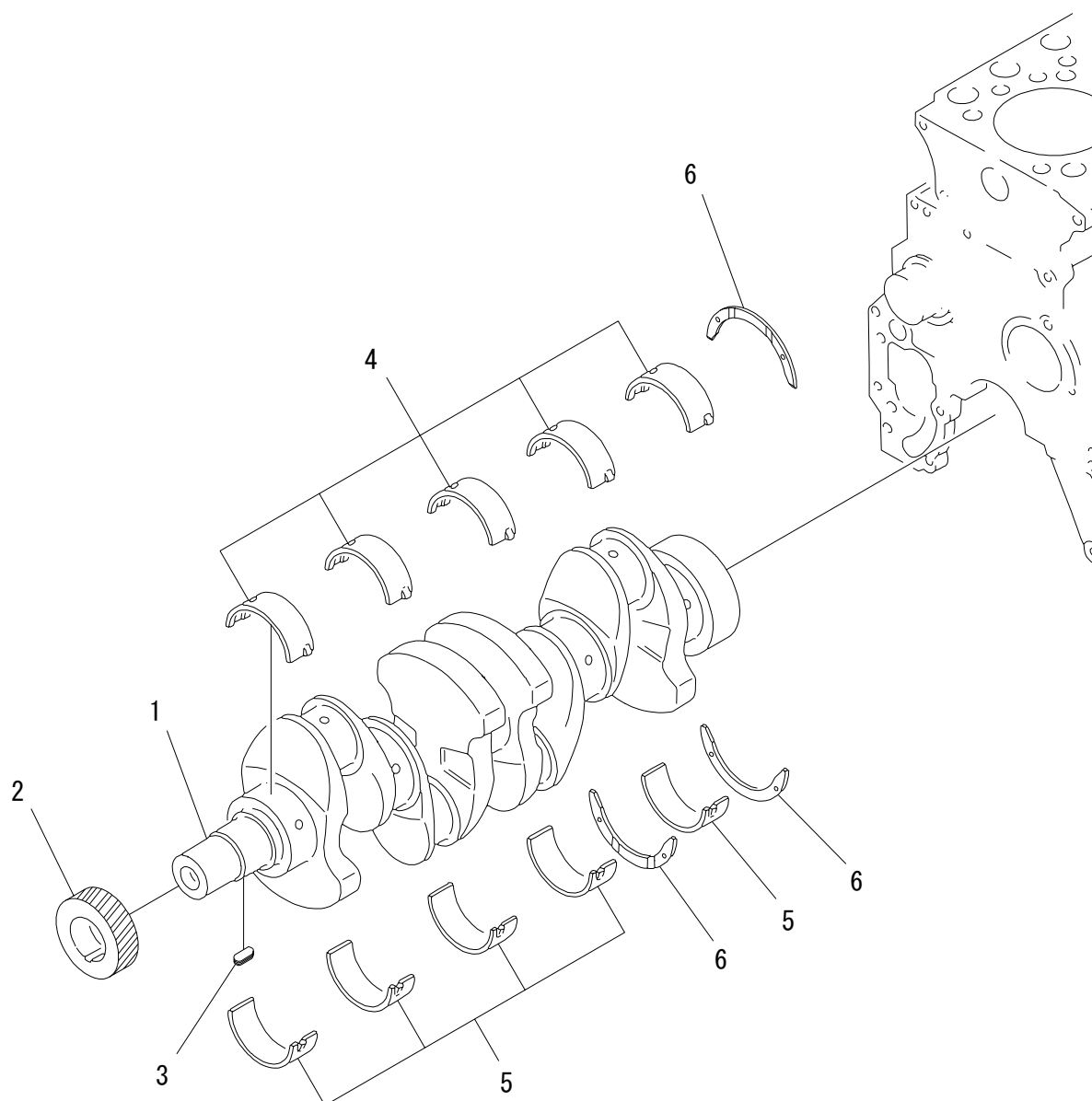


P 4 F 9 4 3 5

FIG NO. : A223R-01A2

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6206-31-4850	SPACER.	1	503377-
2	6734-31-4510	BEARING.	1	503377-
3	6204-31-4910	WASHER.	1	503377-
4	01050-31445	BOLT.	1	503377-

FIG. A231P-01A2 CAMSHAFT

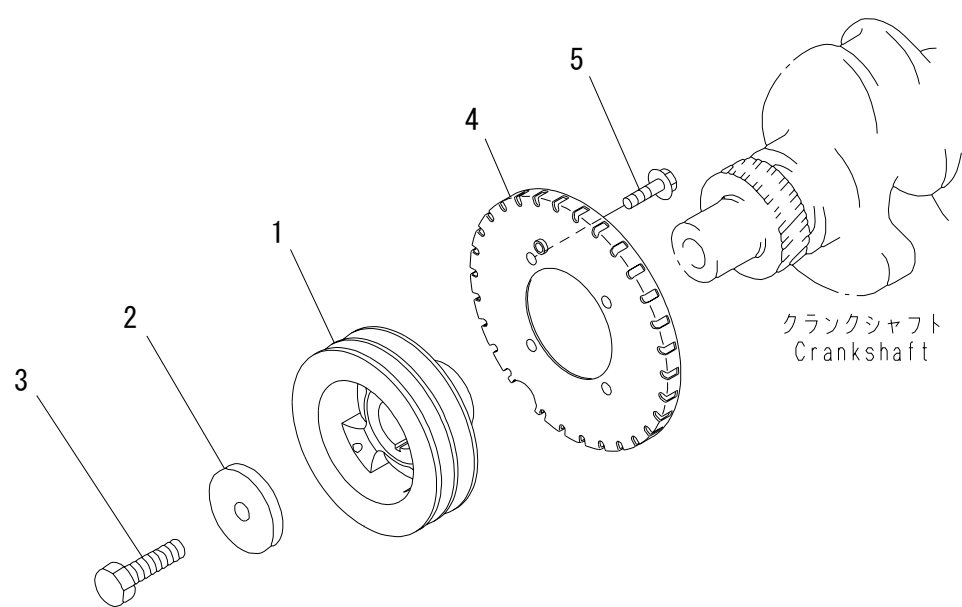


P 4 F 9 4 2 5

FIG NO. : A231P-01A2

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6271-31-1110 ☆	CRANKSHAFT ASS' Y..... . CRANKSHAFT.....	1 1	503377- 503377-
2	6204-31-1220	. GEAR, CRANKSHAFT.....	1	503377-
3	6206-31-1530	. KEY..... STANDARD.....	1	503377-
4	6204-21-8100 ☆	MAIN METAL ASS' Y..... . METAL, UPPER.....	5 1	503377- 503377-
5	☆	. METAL, LOWER..... UNDERSIZE 0. 25MM.....	1	503377-
4	6204-29-8100 ☆	MAIN METAL ASS' Y..... . METAL, UPPER.....	5 1	503377- 503377-
5	☆	. METAL, LOWER..... UNDERSIZE 0. 50MM.....	1	503377-
4	6204-28-8100 ☆	MAIN METAL ASS' Y..... . METAL, UPPER.....	5 1	503377- 503377-
5	☆	. METAL, LOWER..... UNDERSIZE 0. 75MM.....	1	503377-
4	6204-27-8100 ☆	MAIN METAL ASS' Y..... . METAL, UPPER.....	5 1	503377- 503377-
5	☆	. METAL, LOWER..... UNDERSIZE 1. 00MM.....	1	503377-
4	6204-26-8100 ☆	MAIN METAL ASS' Y..... . METAL, UPPER.....	5 1	503377- 503377-
5	☆	. METAL, LOWER..... STANDARD.....	1	503377-
6	6204-21-8500 ☆	THRUST METAL ASS' Y..... . METAL, THRUST.....	1 3	503377- 503377-
6	6204-29-8500 ☆	OVERSIZE 0. 25MM..... THRUST METAL ASS' Y.....	1 3	503377- 503377-
6	6204-28-8500 ☆	. METAL, THRUST..... OVERSIZE 0. 50MM.....	1 3	503377- 503377-
6	6204-27-8500 ☆	THRUST METAL ASS' Y..... . METAL, THRUST.....	1 3	503377- 503377-
6	6204-26-8500 ☆	OVERSIZE 0. 75MM..... THRUST METAL ASS' Y.....	1 3	503377- 503377-
6	☆	. METAL, THRUST..... OVERSIZE 1. 00MM.....	1 3	503377- 503377-

FIG. A233P-01A8 DAMPER

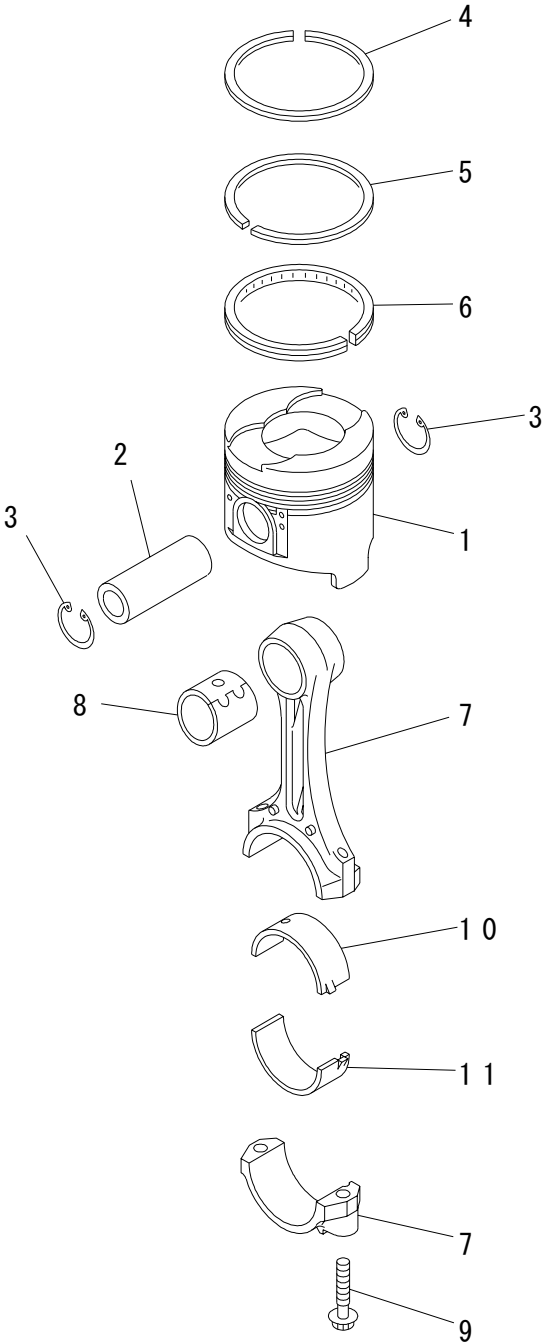


P 4 F 9 4 5 2

FIG NO. : A233P-01A8

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6271-31-1430	PULLEY.....	1	503377-
2	6136-31-1431	PLATE.....	1	503377-
3	01050-31845	BOLT.....	1	503377-
4	6271-31-1990	PLATE.....	1	503377-
5	01435-00812	BOLT.....	4	503377-

FIG. A235P-01A1 PISTON

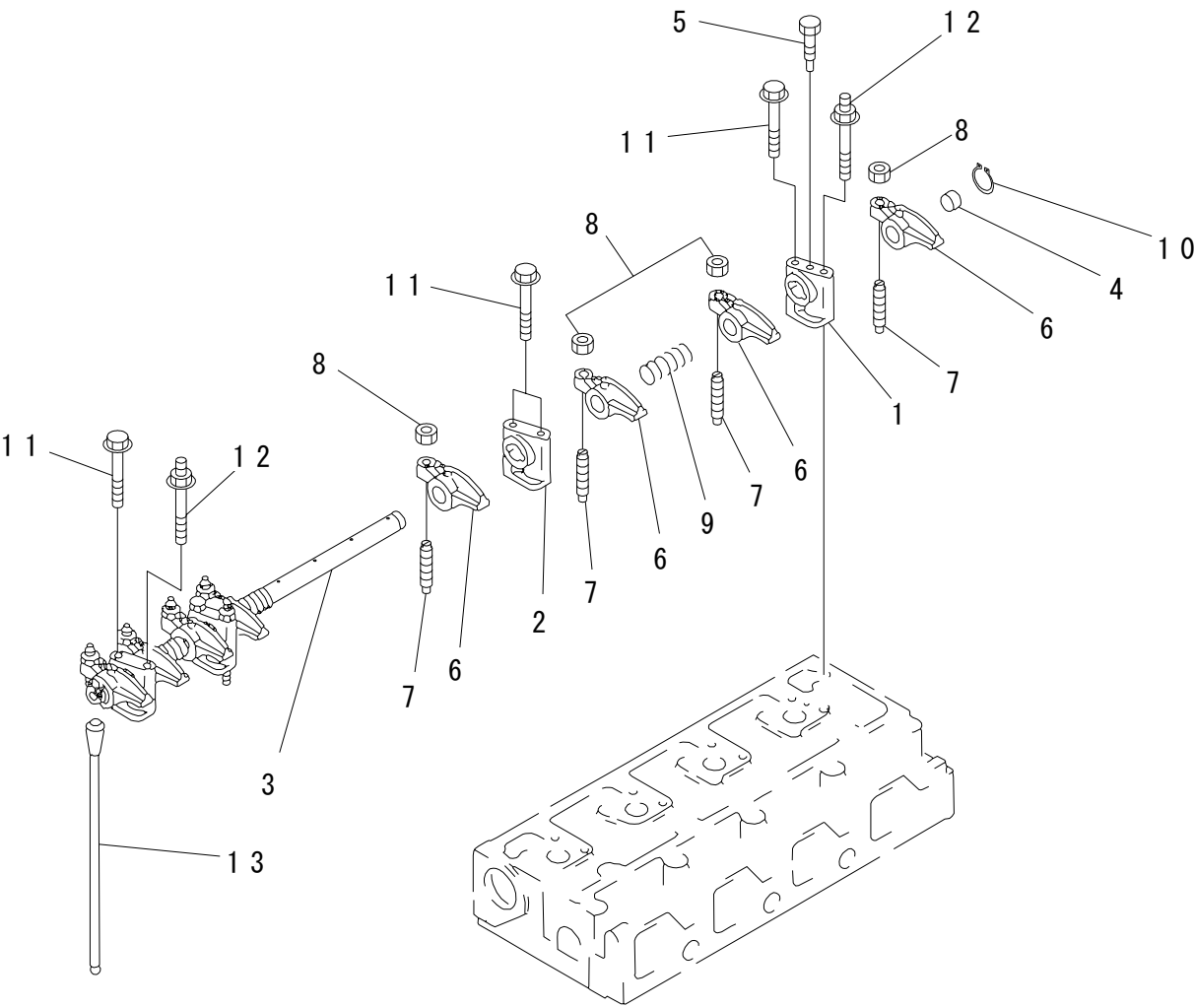


P 4 F 9 5 4 6

FIG NO. : A235P-01A1

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6271-31-2110	STANDARD..... PISTON.....	AR	503377-
1	6271-39-2110	OVERSIZE 0. 25MM..... PISTON.....	AR	503377-
1	6271-38-2110	OVERSIZE 0. 50MM..... PISTON.....	AR	503377-
2	6207-31-2420	PIN, PISTON.....	4	503377-
3	04065-03012	RING, SNAP.....	8	503377-
		STANDARD.....		
	6271-31-2100	PISTON RING ASS' Y.....	4	503377-
4	☆	. RING, TOP.....	1	503377-
5	☆	. RING, SECOND.....	1	503377-
6	☆	. RING, OIL.....	1	503377-
		OVERSIZE 0. 25MM.....		
	6271-39-2100	PISTON RING ASS' Y.....	4	503377-
4	☆	. RING, TOP.....	1	503377-
5	☆	. RING, SECOND.....	1	503377-
6	☆	. RING, OIL.....	1	503377-
		OVERSIZE 0. 50MM.....		
	6271-38-2100	PISTON RING ASS' Y.....	4	503377-
4	☆	. RING, TOP.....	1	503377-
5	☆	. RING, SECOND.....	1	503377-
6	☆	. RING, OIL.....	1	503377-
	6207-31-3800	CONNECTING ROD ASS' Y.....	4	503377-
7	☆	. ROD, CONNECTING.....	1	503377-
8	6207-31-3130	. BUSHING.....	1	503377-
9	6204-31-3310	. BOLT.....	2	503377-
		STANDARD.....		
	6208-31-3500	CRANK PIN METAL A.....	4	503377-
10	☆	. METAL, UPPER.....	1	503377-
11	☆	. METAL, LOWER.....	1	503377-
		UNDERSIZE 0. 25MM.....		
	6207-39-3900	CRANK PIN METAL A.....	4	503377-
10	☆	. METAL, UPPER.....	1	503377-
11	☆	. METAL, LOWER.....	1	503377-
		UNDERSIZE 0. 50MM.....		
	6207-38-3900	CRANK PIN METAL A.....	4	503377-
10	☆	. METAL, UPPER.....	1	503377-
11	☆	. METAL, LOWER.....	1	503377-
		UNDERSIZE 0. 75MM.....		
	6207-37-3900	CRANK PIN METAL A.....	4	503377-
10	☆	. METAL, UPPER.....	1	503377-
11	☆	. METAL, LOWER.....	1	503377-
		UNDERSIZE 1. 00MM.....		
	6207-36-3900	CRANK PIN METAL A.....	4	503377-
10	☆	. METAL, UPPER.....	1	503377-
11	☆	. METAL, LOWER.....	1	503377-

FIG. A241S-01A3 ROCKER ARM

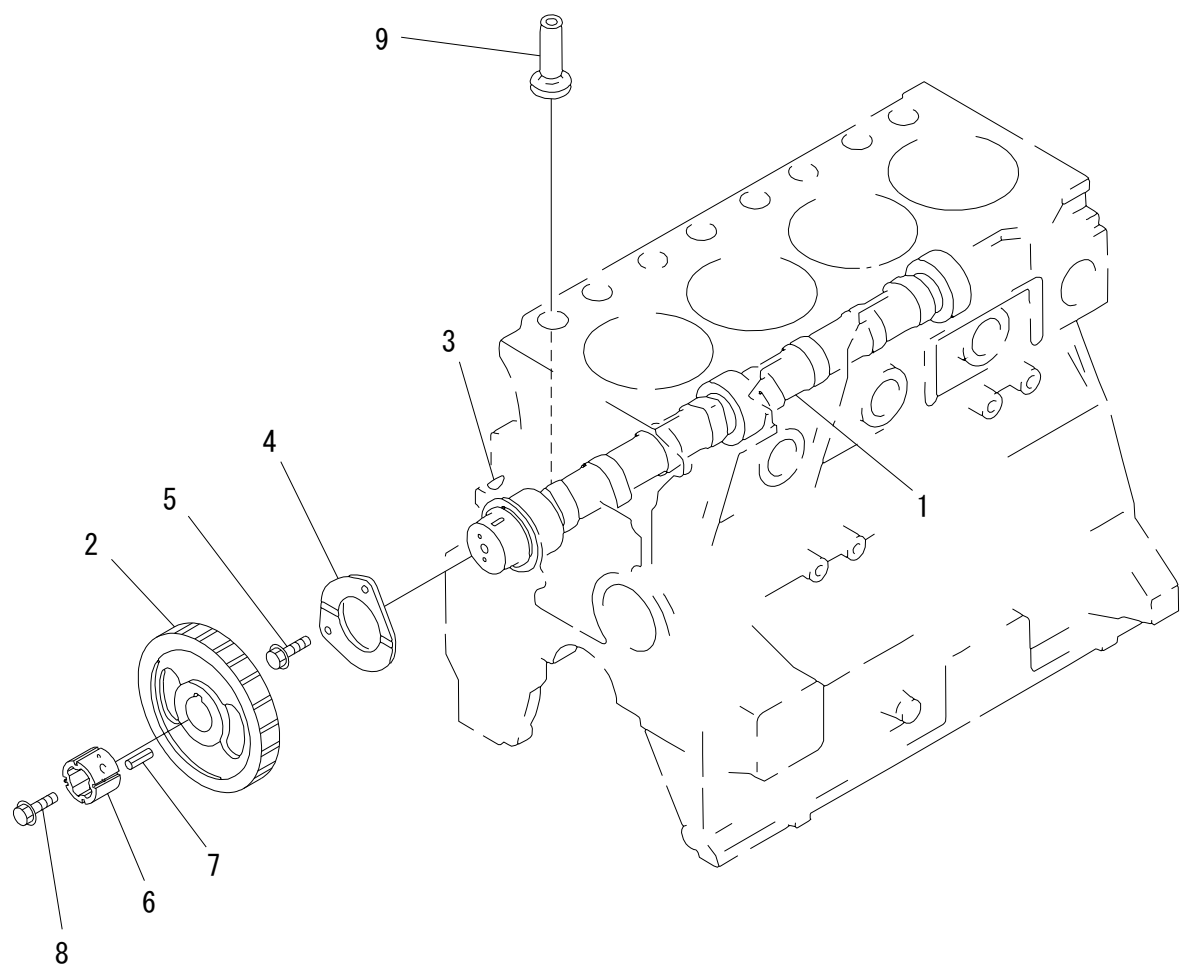


P 4 F 9 4 3 6

FIG NO. : A241S-01A3

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6204-41-5110	BRACKET, ROCKER.	1	503377-
2	6204-41-5120	BRACKET, ROCKER.	3	503377-
	6205-43-5500	SHAFT ASS' Y.	1	503377-
3	☆	. SHAFT, ROCKER.	1	503377-
4	6221-41-5540	. PLUG.	2	503377-
5	6205-43-5310	BOLT.	1	503377-
6	6205-43-5410	ARM, ROCKER.	8	503377-
7	6221-41-5410	SCREW, ADJUST.	8	503377-
8	6221-41-5420	NUT.	8	503377-
9	6202-43-5320	SPRING.	3	503377-
10	6204-41-5620	CLIP.	2	503377-
11	01435-00865	BOLT.	5	503377-
12	6204-41-5710	BOLT.	3	503377-
13	6204-41-3110	ROD, PUSH.	8	503377-

FIG. A241T-01A2 CAMSHAFT

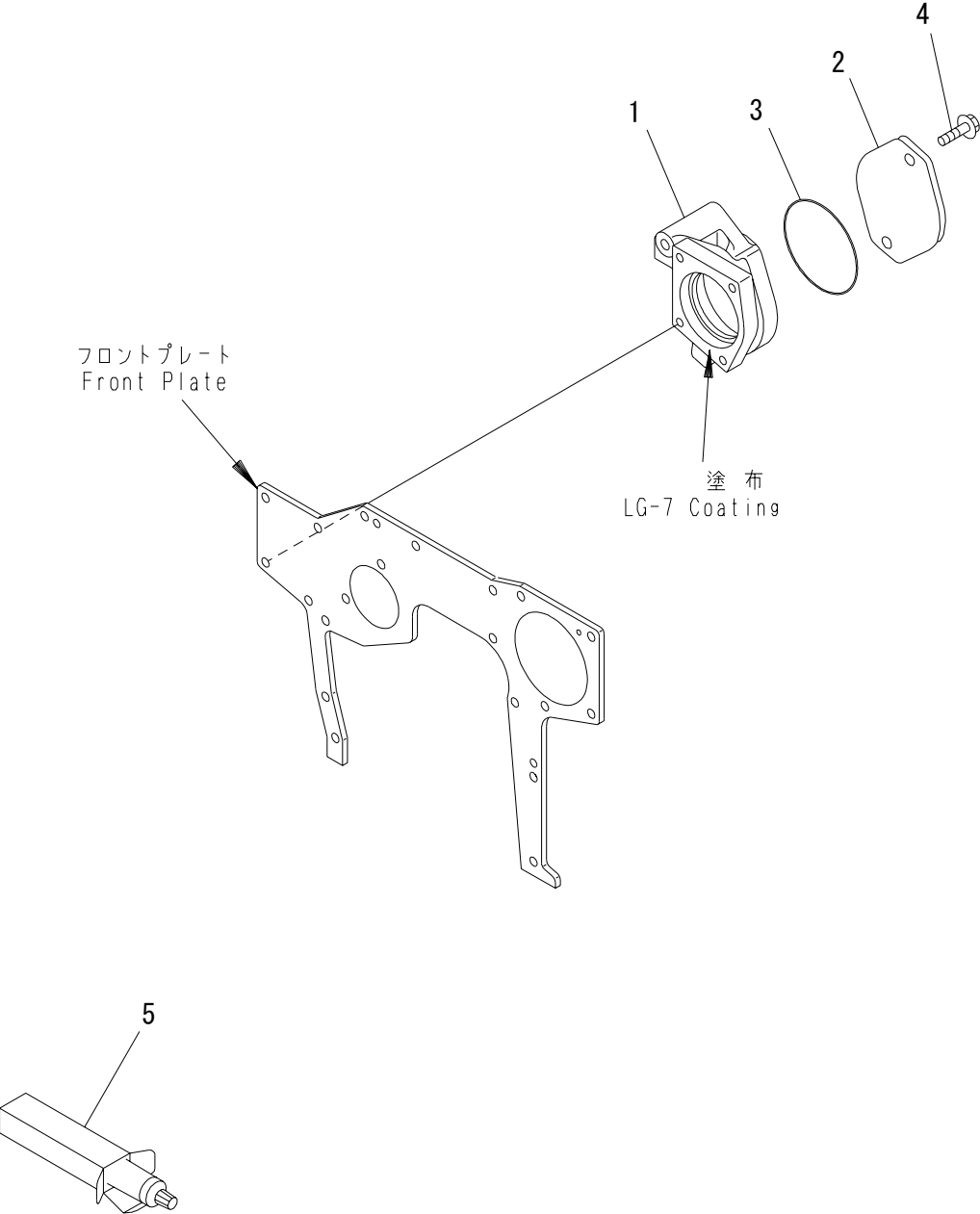


P 4 F 9 5 4 7

FIG NO. : A241T-01A2

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
	6271-41-1500	CAMSHAFT ASS' Y.....	1	503377-
1	☆	. CAMSHAFT.....	1	503377-
2	6271-41-1220	. GEAR, CAMSHAFT.....	1	503377-
3	04010-00516	. KEY.....	1	503377-
4	6204-41-1131	. PLATE, THRUST.....	1	503377-
5	01435-00820	BOLT.....	2	503377-
6	6271-41-1190	RING.....	1	503377-
7	04025-00312	PIN.....	2	503377-
8	01435-01025	BOLT.....	1	503377-
9	6204-41-2110	TAPPET.....	8	503377-

FIG. A261R-01A3 FRONT POWER TAKE OFF

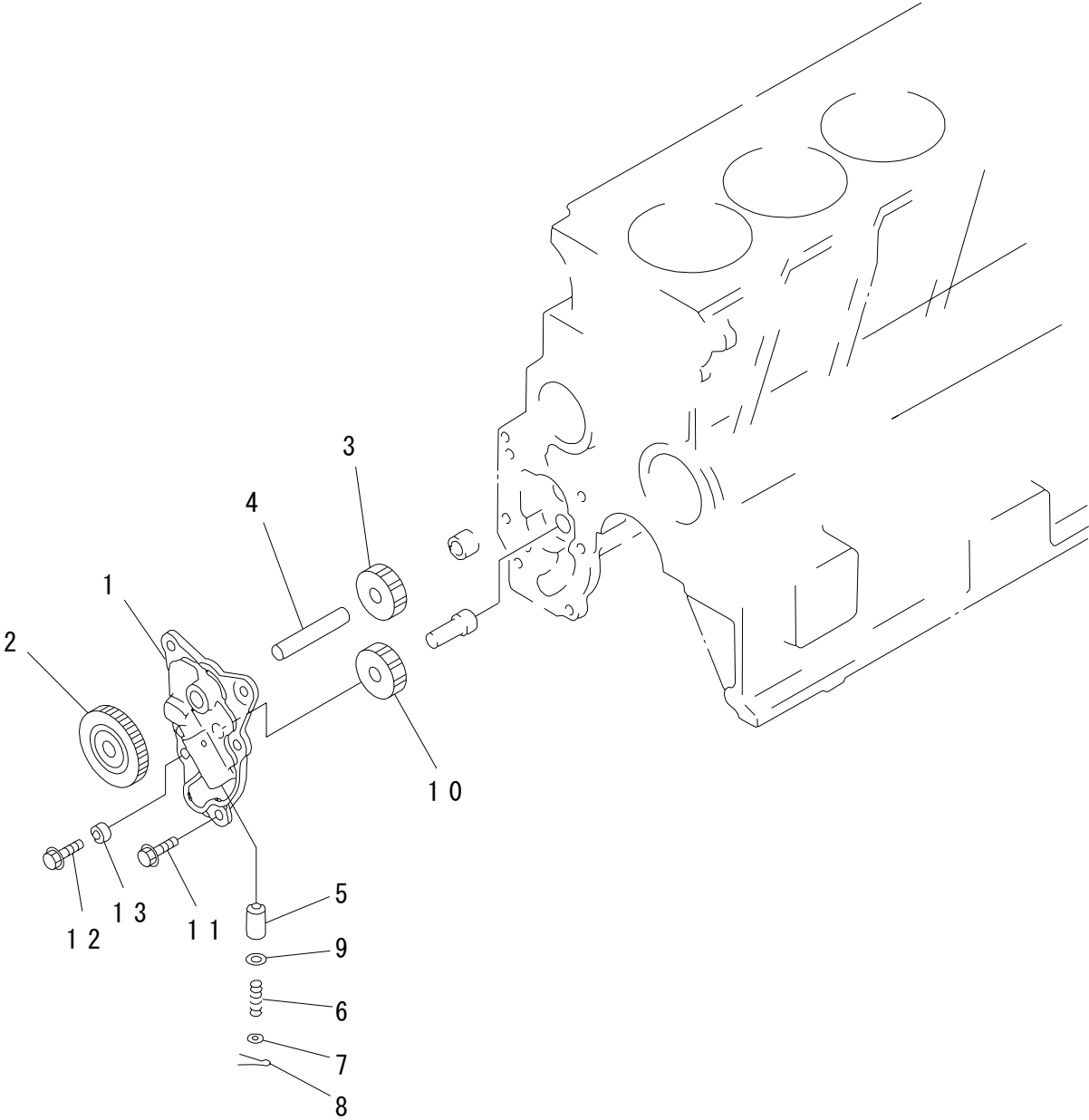


P 4 F 9 4 3 7

FIG NO. : A261R-01A3

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6204-21-9160	HOUSING, POWER TAKE OFF.....	1	503377-
2	6144-21-9812	PLATE.....	1	503377-
3	07000-02085	O-RING..... (K2).....	1	503377-
4	01435-01020	BOLT.....	2	503377-
5	(09920-00150)	LIQUID GASKET, LG-7, 150G.....	AR	503377-

FIG. A301P-01B0 OIL PUMP

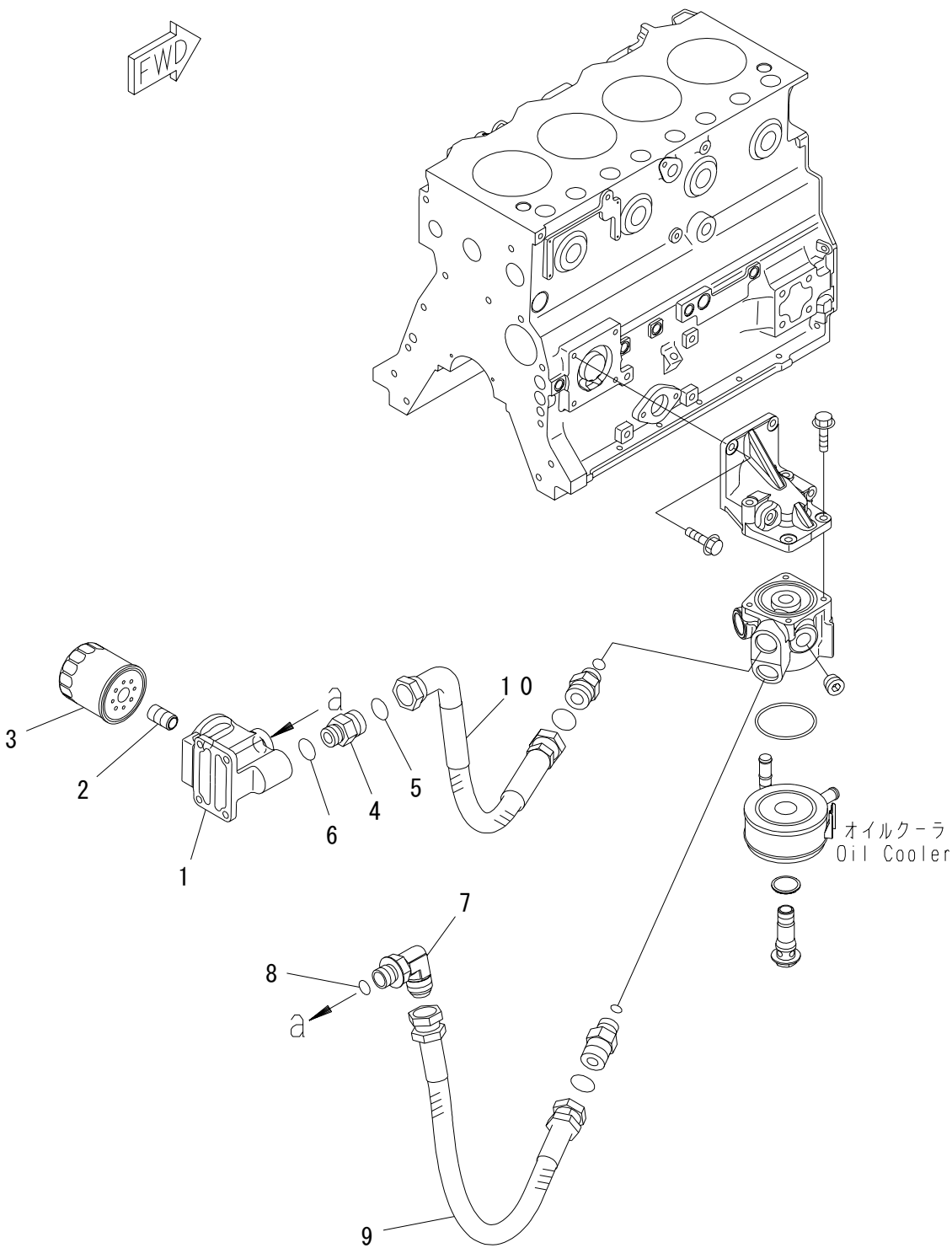


P 4 F 9 4 3 8

FIG NO. : A301P-01B0

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
	6271-51-1200	COVER ASS' Y.	1	503377-
1	☆	. COVER.	1	503377-
2	6271-51-1410	. GEAR.	1	503377-
	6207-51-1400	. SHAFT ASS' Y.	1	503377-
3	6207-51-1410	. . GEAR, DRIVE.	1	503377-
4	☆	. . SHAFT.	1	503377-
5	6204-51-1310	. VALVE.	1	503377-
6	6206-51-1320	. SPRING.	1	503377-
7	6204-51-1330	. WASHER.	1	503377-
8	6204-51-1340	. PIN, COTTER.	1	503377-
9	6204-51-1910	. SHIM.	1	503377-
10	6207-51-1610	GEAR, DRIVEN.	1	503377-
11	01435-00816	BOLT.	4	503377-
12	01435-00825	BOLT.	1	503377-
13	6691-41-8230	SPACER.	1	503377-

FIG. A311P-01B3 OIL FILTER

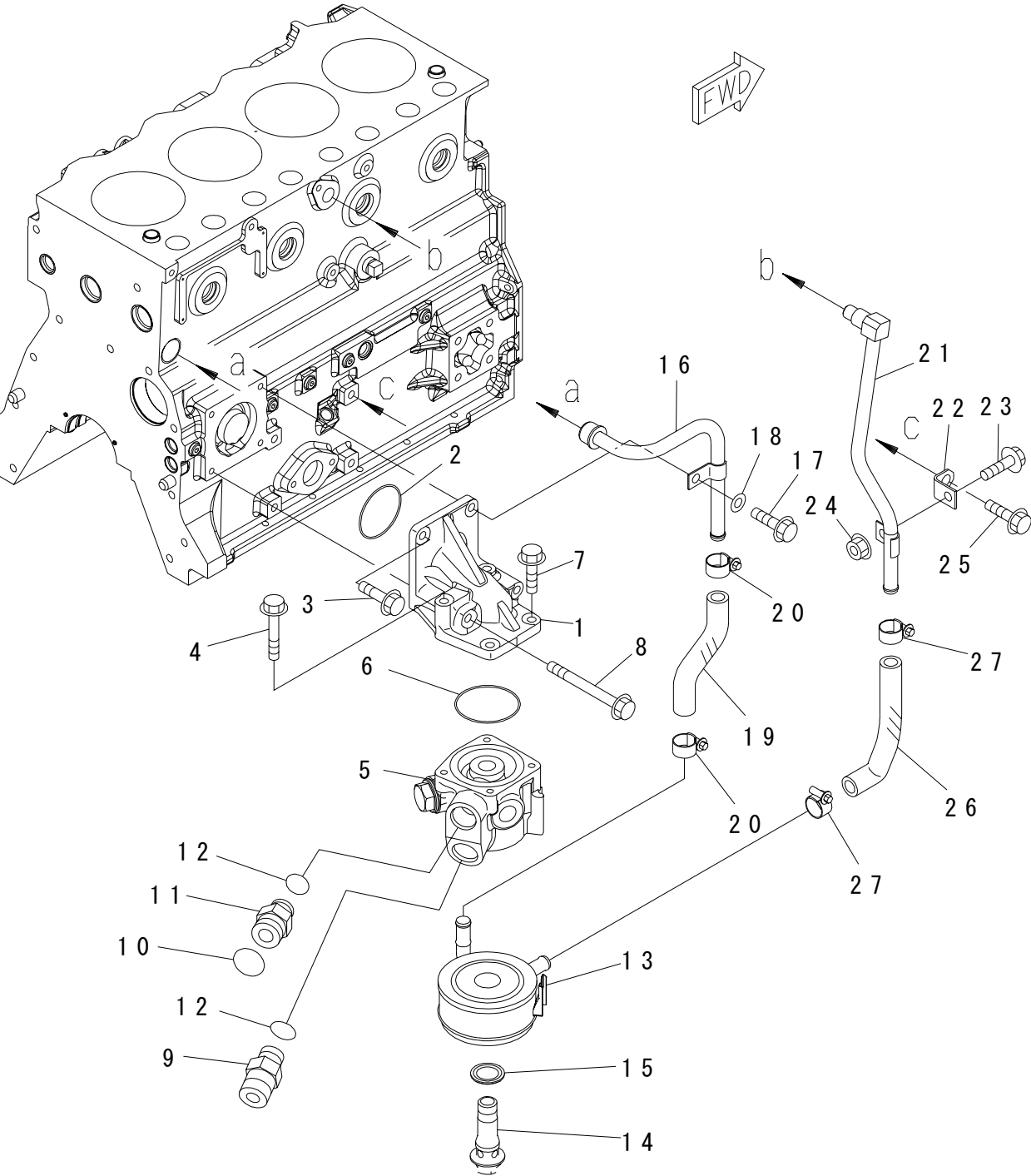


P 4 F 9 4 5 3

FIG NO. : A311P-01B3

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6208-51-5210	HEAD, OIL FILTER.....	1	503377-
2	6201-51-5910	NIPPLE.....	1	503377-
3	600-211-2110	CARTRIDGE.....	1	503377-
4	02781-00628	UNION.....	1	503377-
5	02896-61018	O-RING..... (K2).....	1	503377-
6	07002-62434	O-RING..... (K2).....	1	503377-
7	07235-10628	ELBOW.....	1	503377-
8	07002-62434	O-RING..... (K2).....	1	503377-
9	07102-206A5	HOSE.....	1	503377-
10	02763-006A4	HOSE.....	1	503377-

FIG. A331P-01C6 OIL COOLER

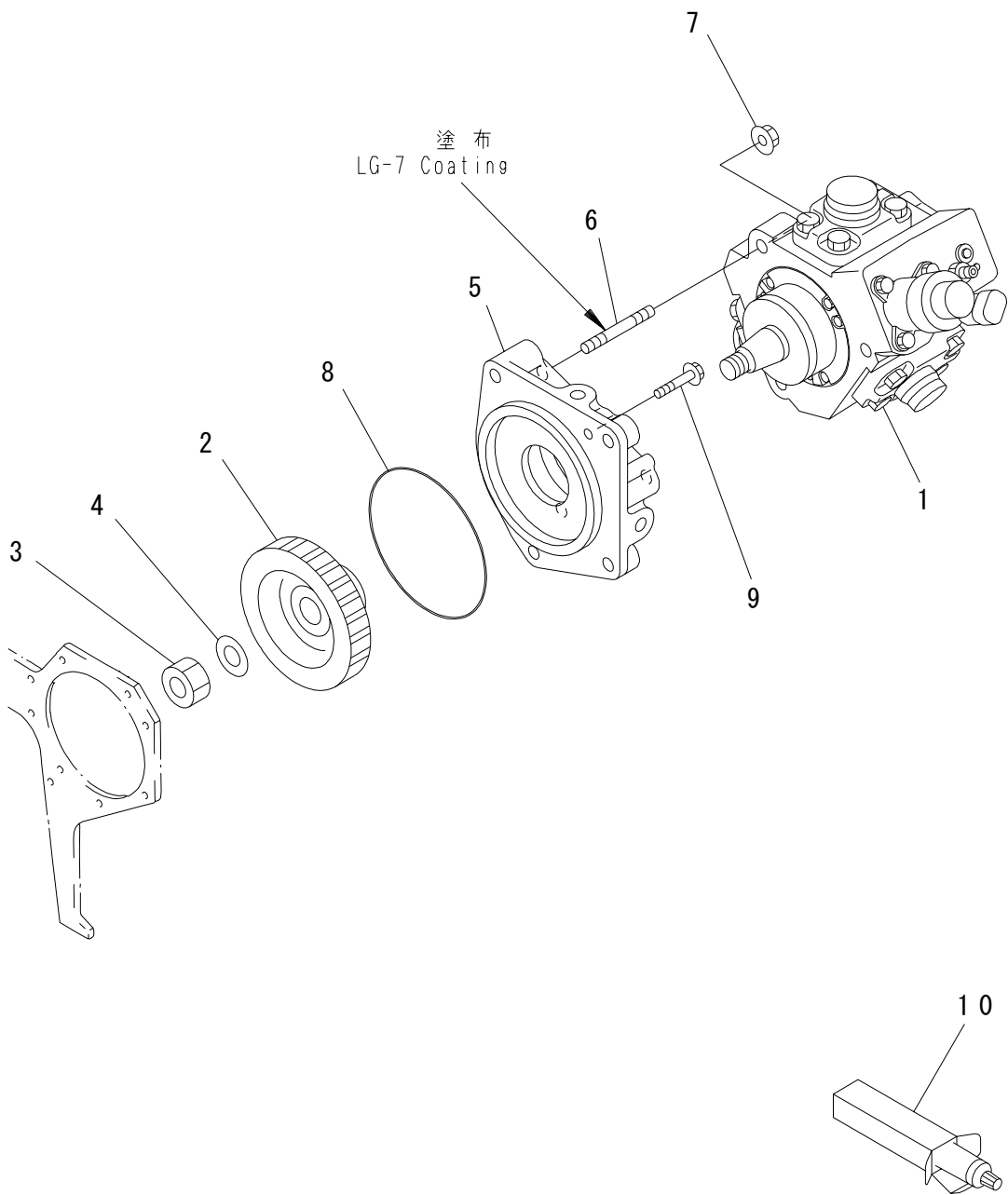


P 4 F 9 4 3 9

FIG NO. : A331P-01C6

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6271-51-5410	ADAPTER, OIL COOLER.....	1	503377-
2	07000-72070	O-RING..... (K2).....	1	503377-
3	01435-00820	BOLT.....	1	503377-
4	01435-00885	BOLT.....	2	503377-
5	6271-51-5420	ADAPTER ASS' Y.....	1	503377-
6	07000-72070	O-RING..... (K2).....	1	503377-
7	01435-00825	BOLT.....	2	503377-
8	01435-00855	BOLT.....	2	503377-
9	02781-00628	UNION.....	1	503377-
10	02896-61018	O-RING..... (K2).....	1	503377-
11	07230-20628	UNION.....	1	503377-
12	07002-62434	O-RING..... (K2).....	2	503377-
13	6271-61-5100	OIL COOLER ASS' Y.....	1	503377-
	6205-61-5420	. O-RING..... (K2).....	1	503377-
14	6208-61-5410	JOINT.....	1	503377-
15	6208-61-5420	GASKET..... (K2).....	1	503377-
16	6271-61-5210	TUBE.....	1	503377-
17	01435-00825	BOLT.....	1	503377-
18	01643-30823	WASHER.....	1	503377-
19	6271-61-5230	HOSE.....	1	503377-
20	07281-00259	CLAMP.....	2	503377-
21	6271-61-5220	TUBE.....	1	503377-
22	6207-51-8180	BRACKET.....	1	503377-
23	01435-00814	BOLT.....	1	503377-
24	01584-00806	NUT.....	1	503377-
25	01435-01016	BOLT.....	1	503377-
26	6271-61-5240	HOSE.....	1	503377-
27	07281-00259	CLAMP.....	2	503377-

FIG. A401P-01K6 FUEL PUMP

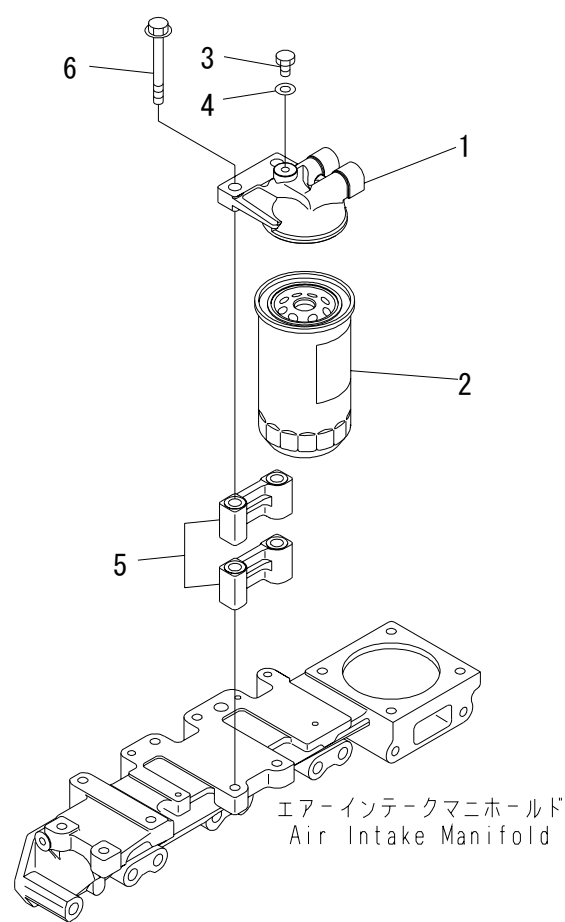


P 4 F 9 4 4 0

FIG NO. : A401P-01K6

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6271-71-1110	PUMP.....	1	503377-
2	6271-71-3170	GEAR.....	1	503377-
3	01582-01411	NUT.....	1	503377-
4	6130-32-1361	WASHER.....	1	503377-
5	6271-71-3310	HOLDER.....	1	503377-
6	01164-50840	STUD.....	3	503377-
7	01584-00806	NUT.....	3	503377-
8	07000-12085	O-RING..... (K2).....	1	503377-
9	6206-21-3930	BOLT.....	1	503377-
10	(09920-00150)	LIQUID GASKET, LG-7, 150G.....	AR	503377-

FIG. A411P-01D2 FUEL FILTER

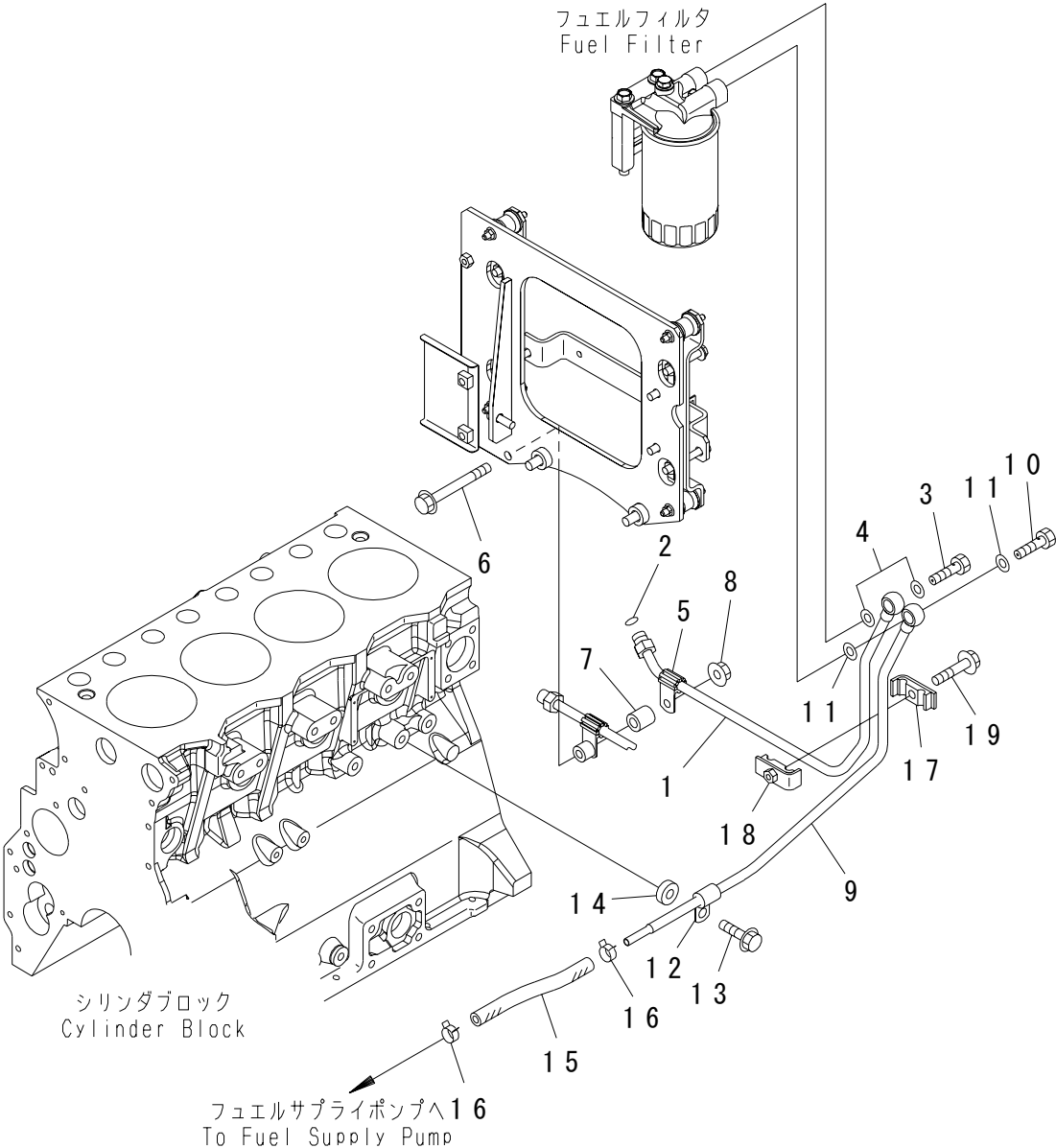


P 4 F 9 4 4 1

FIG NO. : A411P-01D2

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
	6271-71-6500	FUEL FILTER ASS' Y.....	1	503377-
1	6271-71-6510	. HEAD.....	1	503377-
2	600-311-3530	. CARTRIDGE.....	1	503377-
3	600-311-6720	. PLUG.....	1	503377-
4	07005-00812	. GASKET..... (K1).....	1	503377-
5	6206-71-6530	SPACER.....	2	503377-
6	01435-01095	BOLT.....	2	503377-

FIG. A411R-01D2 FUEL FILTER PIPING

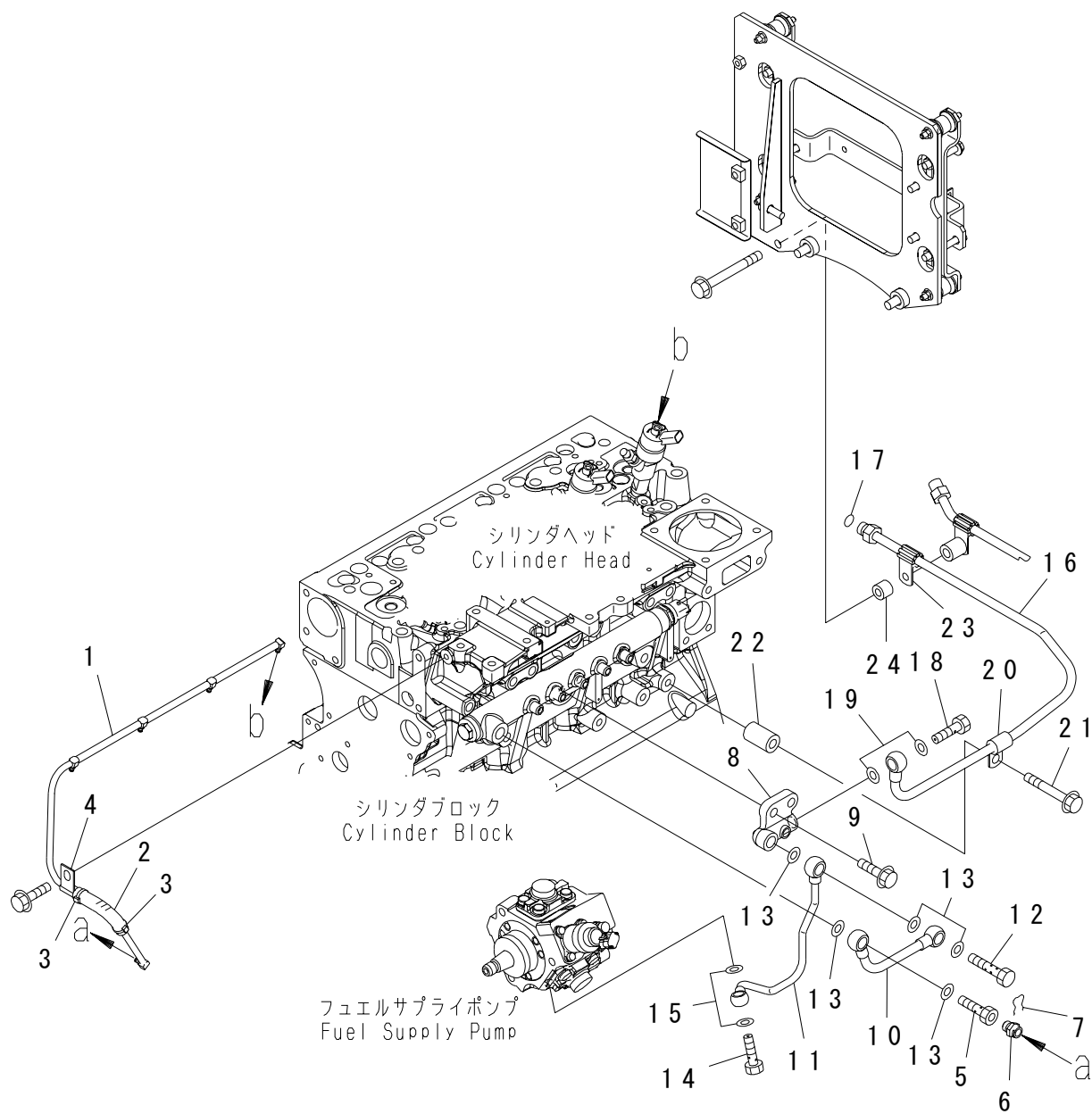


P 4 F 9 4 4 2

FIG NO. : A411R-01D2

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6271-71-5610	TUBE.....	1	503377-
2	02896-11008	O-RING..... (K1, K2)...	1	503377-
3	07206-31014	BOLT.....	1	503377-
4	07005-01412	GASKET..... (K1, K2)...	2	503377-
5	600-051-1100	CLIP.....	1	503377-
6	01435-00860	BOLT.....	1	503377-
7	6210-11-5820	SPACER.....	1	503377-
8	01584-00806	NUT.....	1	503377-
9	6271-71-5621	TUBE.....	1	503377-
10	07206-31014	BOLT.....	1	503377-
11	07005-01412	GASKET..... (K1, K2)...	2	503377-
12	600-051-2100	CLIP.....	1	503377-
13	01435-01025	BOLT.....	1	503377-
14	6136-51-6190	SPACER.....	1	503377-
15	6271-71-9150	HOSE.....	1	503377-
16	11Y-09-11170	CLIP.....	2	503377-
17	6166-75-6820	CLAMP.....	1	503377-
18	6261-51-9480	CLAMP.....	1	503377-
19	01435-00830	BOLT.....	1	503377-

FIG. A411S-01E0 FUEL PIPING (UL D TYPE)

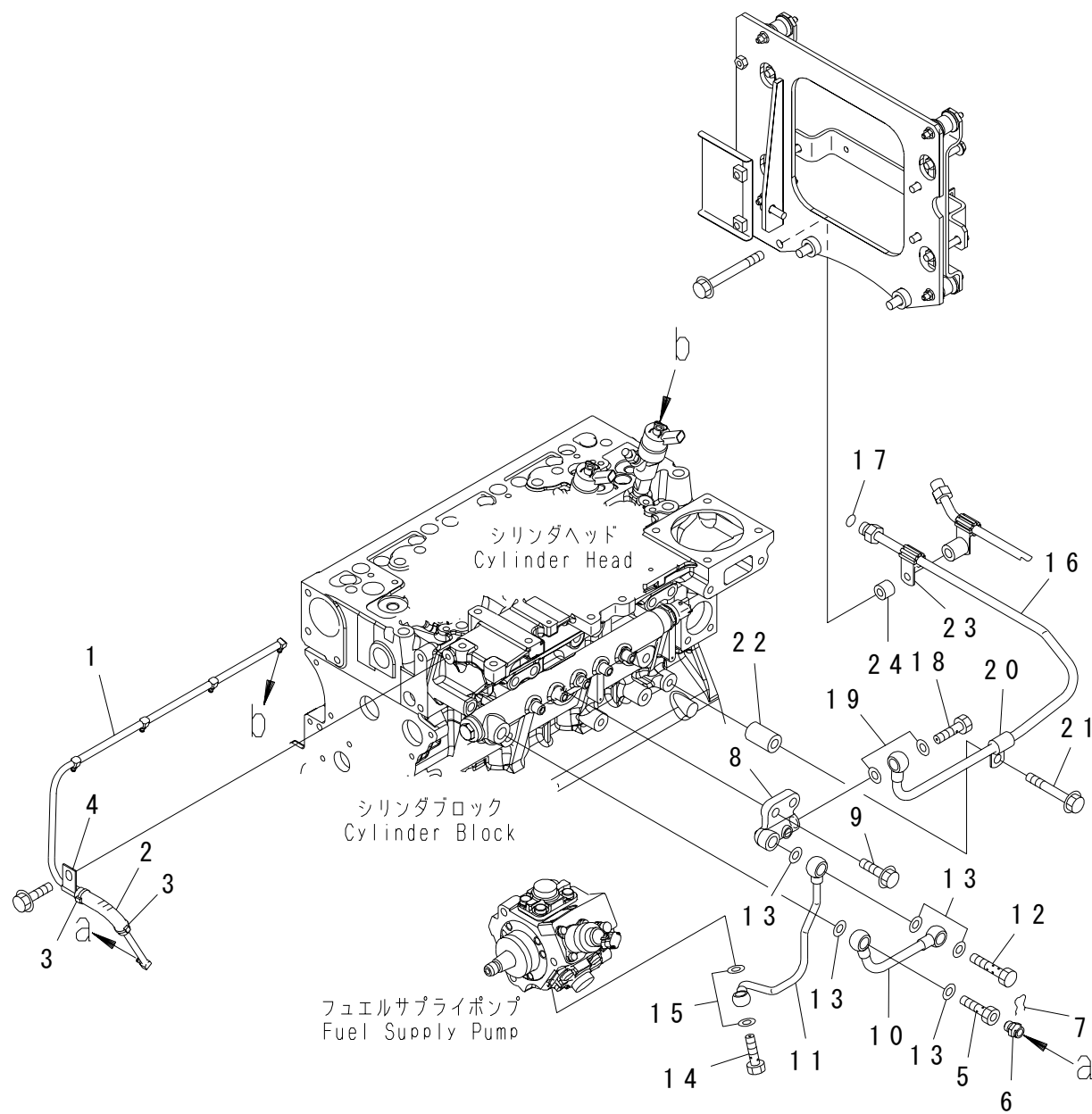


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FIG NO. : A411S-01E0

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6271-71-7100	HOSE ASS' Y.....	1	503377-
2	6271-71-9890	HOSE.....	1	503377-
3	08034-20414	BAND.....	2	503377-
4	04434-50608	CLIP.....	1	503377-
5	6161-51-8990	JOINT.....	1	503377-
6	6271-71-7211	JOINT.....	1	503377-
7	6271-71-7990	PIN.....	1	503377-
8	6271-71-5520	ADAPTER.....	1	503377-
9	01435-01025	BOLT.....	2	503377-
10	6271-71-5510	TUBE.....	1	503377-
11	6271-71-5530	TUBE.....	1	503377-
12	6127-71-5710	BOLT.....	1	503377-
13	07005-01412	GASKET..... (K2).....	5	503377-
14	07206-30812	JOINT.....	1	503377-
15	07005-01212	GASKET..... (K2).....	2	503377-
16	6271-71-5630	TUBE.....	1	503377-
17	02896-11008	O-RING..... (K1, K2)...	1	503377-
18	07206-31014	BOLT.....	1	503377-
19	07005-01412	GASKET..... (K2).....	2	503377-
20	600-051-2100	CLIP.....	1	503377-
21	01435-01055	BOLT.....	1	503377-
22	6150-81-6920	SPACER.....	1	503377-
23	600-051-1100	CLIP.....	1	503377-
24	6141-64-2560	SPACER.....	1	503377-

FIG. A411S-01E1 FUEL PIPING

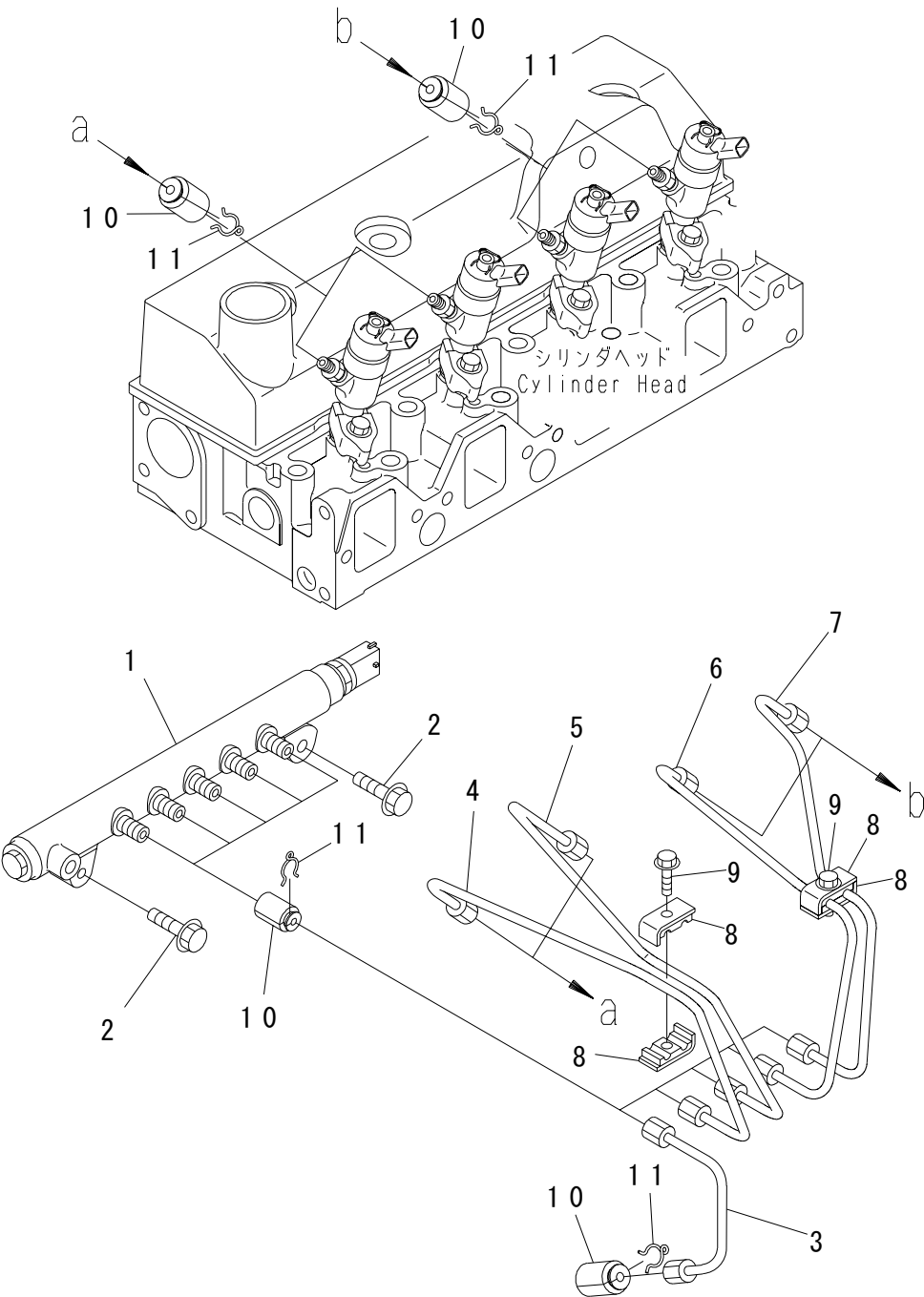


P 4 F 9 4 4 3

FIG NO. : A411S-01E1

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6271-71-7200	HOSE ASS' Y.....	1	503377-
2	6271-71-9890	HOSE.....	1	503377-
3	08034-20414	BAND.....	2	503377-
4	04434-50808	CLIP.....	1	503377-
5	6161-51-8990	JOINT.....	1	503377-
6	6271-71-7211	JOINT.....	1	503377-
7	6271-71-7990	PIN.....	1	503377-
8	6271-71-5520	ADAPTER.....	1	503377-
9	01435-01025	BOLT.....	2	503377-
10	6271-71-5510	TUBE.....	1	503377-
11	6271-71-5530	TUBE.....	1	503377-
12	6127-71-5710	BOLT.....	1	503377-
13	07005-01412	GASKET..... (K2).....	5	503377-
14	07206-30812	JOINT.....	1	503377-
15	07005-01212	GASKET..... (K2).....	2	503377-
16	6271-71-5630	TUBE.....	1	503377-
17	02896-11008	O-RING..... (K1, K2)...	1	503377-
18	07206-31014	BOLT.....	1	503377-
19	07005-01412	GASKET..... (K2).....	2	503377-
20	600-051-2100	CLIP.....	1	503377-
21	01435-01055	BOLT.....	1	503377-
22	6150-81-6920	SPACER.....	1	503377-
23	600-051-1100	CLIP.....	1	503377-
24	6141-64-2560	SPACER.....	1	503377-

FIG. A421P-01A2 COMMON RAIL

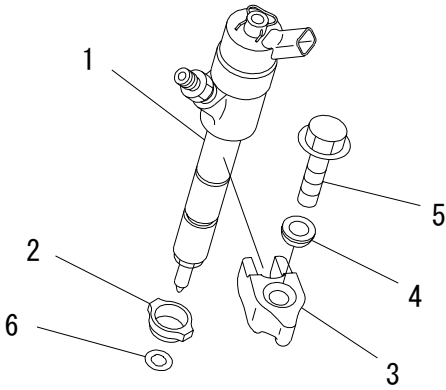
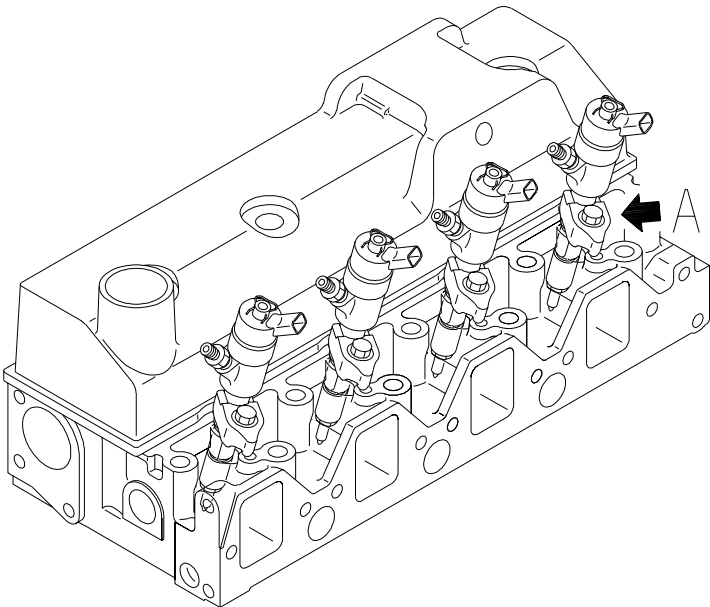


P 4 F 9 5 4 9

FIG NO. : A421P-01A2

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6271-71-1210	RAIL, COMMON.....	1	503377-
2	01435-01035	BOLT.....	2	503377-
3	6271-71-5210	TUBE.....	1	503377-
4	6271-71-5110	TUBE.....	1	503377-
5	6271-71-5120	TUBE.....	1	503377-
6	6271-71-5130	TUBE.....	1	503377-
7	6271-71-5140	TUBE.....	1	503377-
8	6215-71-5292	CLAMP.....	4	503377-
9	01435-00625	BOLT.....	2	503377-
10	6271-71-5890	COVER.....	10	503377-
11	6217-71-5770	CLAMP.....	10	503377-

FIG. A421R-01A1 INJECTOR



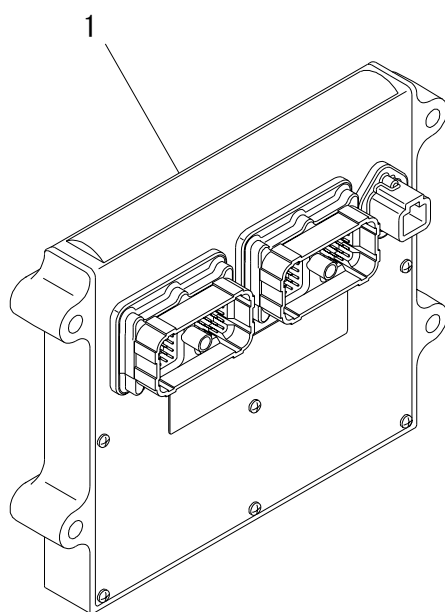
A 詳細
Detail A

P 4 F 9 5 4 8

FIG NO. : A421R-01A1

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6271-11-3100	INJECTOR.....	4	503377-
2	6271-11-3850	SEAL, DUST..... (K1).....	4	503377-
3	6271-11-3811	HOLDER.....	4	503377-
4	6271-11-3830	WASHER.....	4	503377-
5	01435-00840	BOLT.....	4	503377-
6	6271-11-3880	GASKET..... (K1).....	4	503377-

FIG. A471P-01A8 ENGINE CONTROLLER (CHASSIS MOUNT)

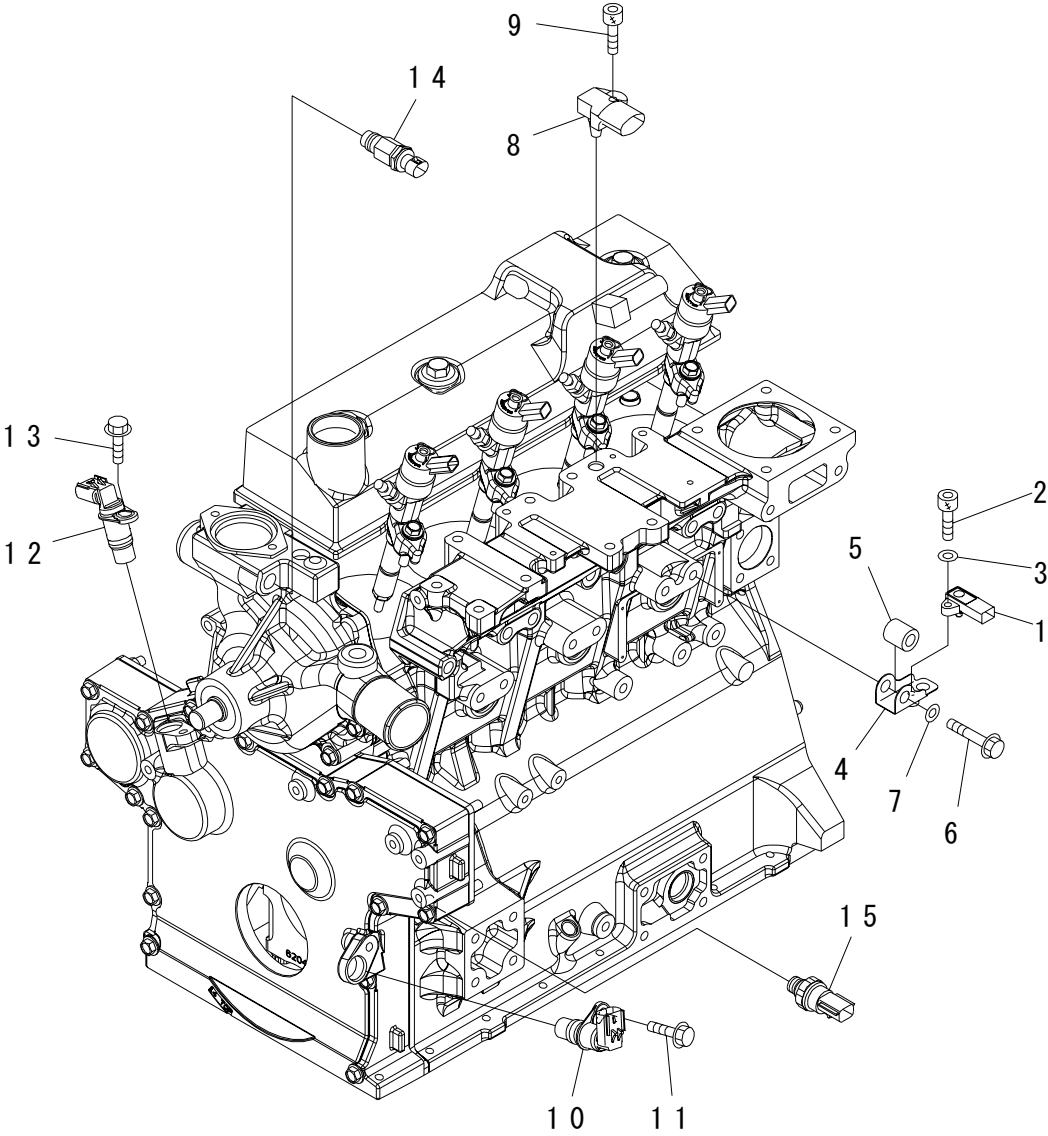


P 4 F 9 4 5 4

FIG NO. : A471P-01A8

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	600-475-3100	CONTROLLER ASS' Y.....	1	503377-

FIG. A471P-02A8 ENGINE CONTROL MODULE

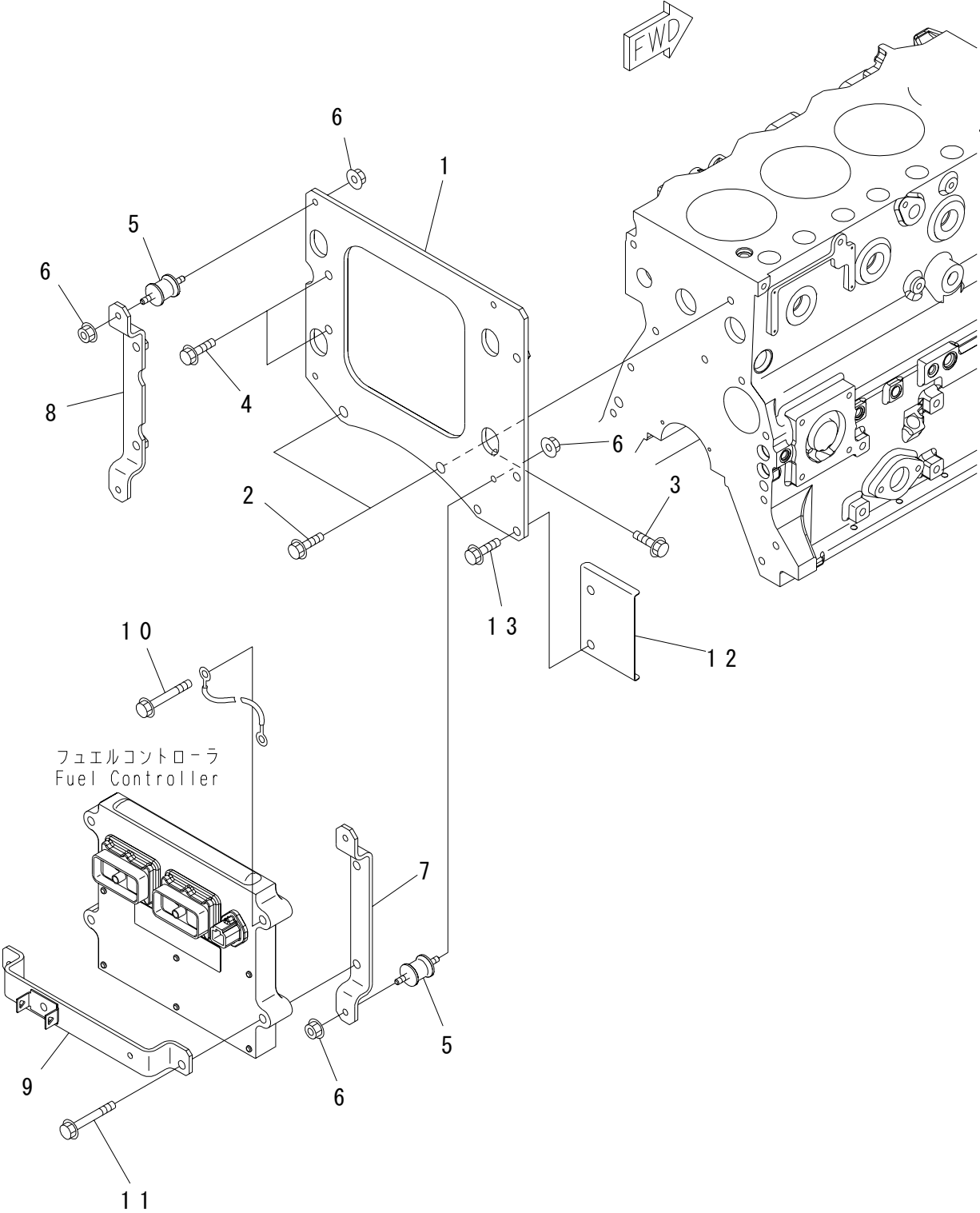


P 4 F 9 4 5 5

FIG NO. : A471P-02A8

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6261-81-2600	SENSOR.....	1	503377-
2	01252-60516	BOLT.....	1	503377-
3	01640-20508	WASHER.....	1	503377-
4	6271-81-9190	BRACKET.....	1	503377-
5	6210-11-5820	SPACER.....	1	503377-
6	01435-01045	BOLT.....	1	503377-
7	0164-33-1032	WASHER.....	1	503377-
8	6271-81-1910	SENSOR.....	1	503377-
9	01252-60616	BOLT.....	1	503377-
10	6271-81-9200	SENSOR, SPEED.....	1	503377-
11	01435-00820	BOLT.....	1	503377-
12	6261-81-2901	SENSOR ASS' Y, SPEED.....	1	503377-
13	01435-00820	BOLT.....	1	503377-
14	6261-81-6901	SENSOR.....	1	503377-
15	6271-81-1940	SWITCH, PRESSURE.....	1	503377-

FIG. A471R-01A4 ENGINE CONTROLLER MOUNTING

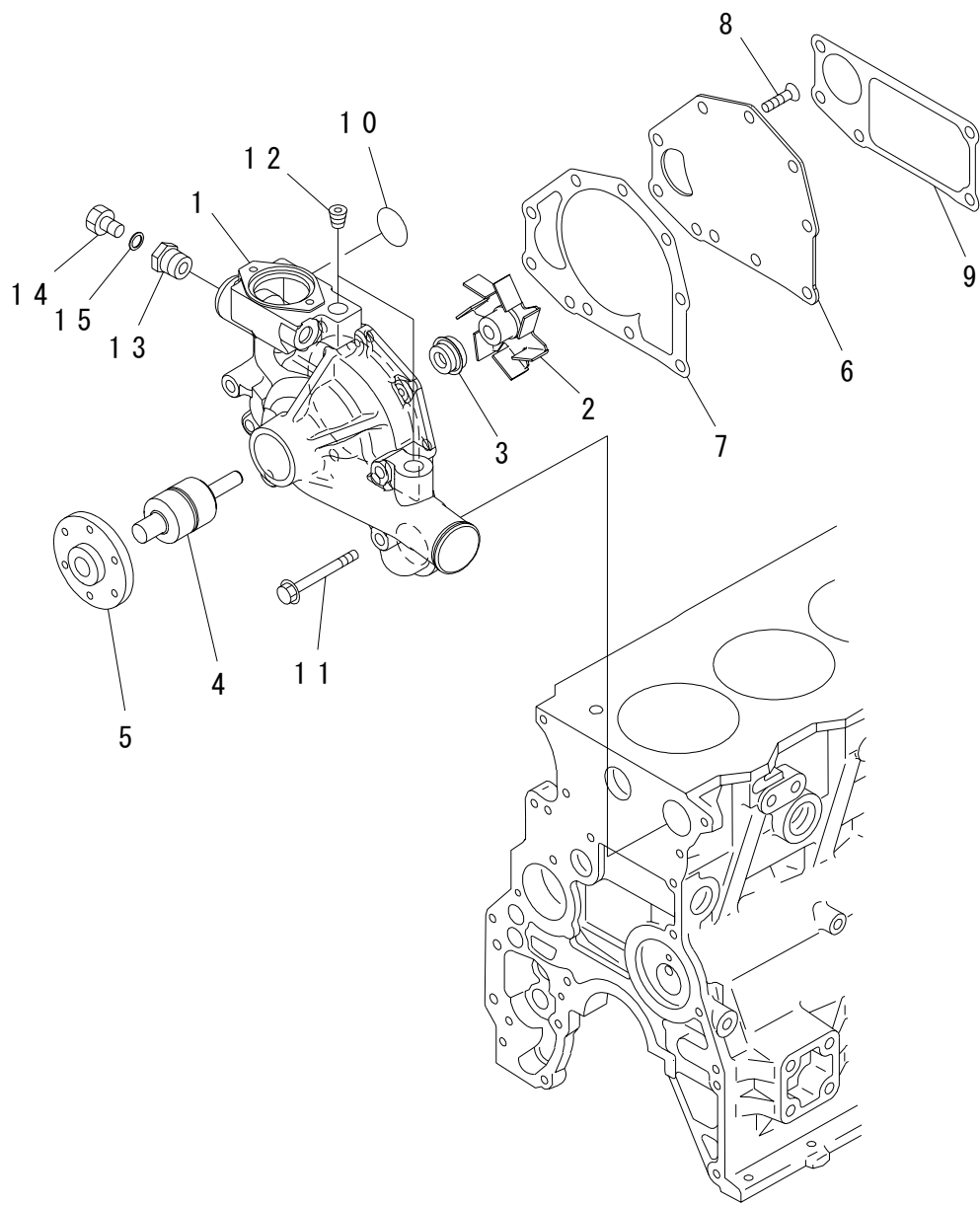


P 4 F 9 4 4 4

FIG NO. : A471R-01A4

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6271-81-9560	BRACKET.....	1	503377-
2	01435-01030	BOLT.....	2	503377-
3	01435-00825	BOLT.....	1	503377-
4	01435-00816	BOLT.....	2	503377-
5	6271-81-9550	CUSHION.....	4	503377-
6	01584-00605	NUT.....	8	503377-
7	6271-81-9570	BRACKET.....	1	503377-
8	6271-81-9580	BRACKET.....	1	503377-
9	6271-81-9850	BRACKET.....	1	503377-
10	01435-00850	BOLT.....	2	503377-
11	01435-00855	BOLT.....	2	503377-
12	6271-91-8110	PLATE.....	1	503377-
13	01435-00816	BOLT.....	2	503377-

FIG. A501P-01A8 WATER PUMP

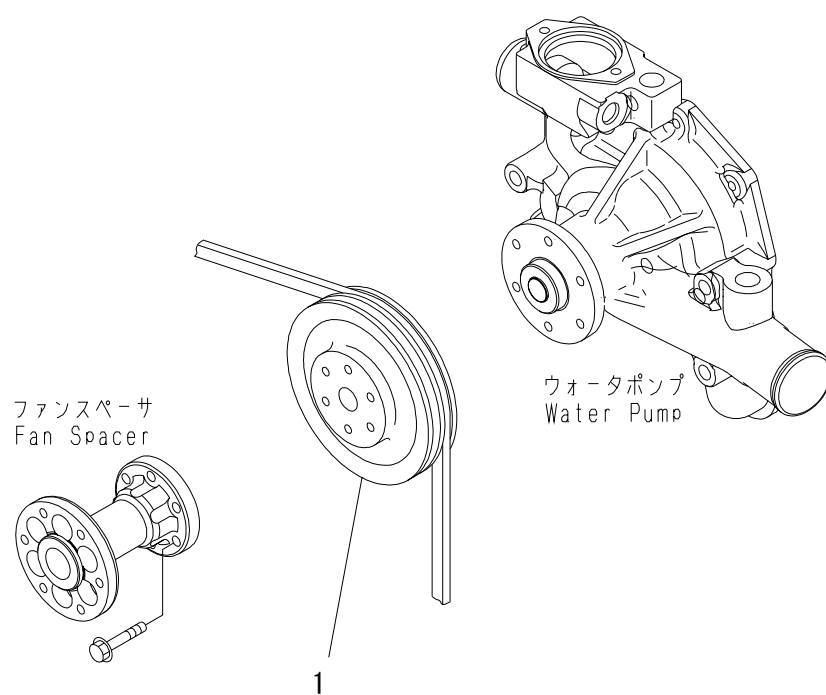


P 4 F 9 4 4 5

FIG NO. : A501P-01A8

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
	6271-61-1800	PUMP ASS' Y, WATER.	1	503377-
1	☆	. BODY.	1	503377-
2	6204-61-1630	. IMPELLER.	1	503377-
3	6221-61-1520	. SEAL.	1	503377-
4	6204-61-1650	. SHAFT.	1	503377-
5	6205-61-1210	. BOSS.	1	503377-
6	6206-61-1521	. COVER.	1	503377-
7	6204-61-1960	. GASKET. (K1)	1	503377-
8	01236-40816	. SCREW.	5	503377-
9	6206-61-1740	GASKET. (K1, K2) ...	1	503377-
10	6204-61-1910	RING. (K1, K2) ...	1	503377-
11	01435-01075	BOLT.	4	503377-
12	02720-40607	PLUG.	2	503377-
13	565-06-13212	ADAPTER.	1	503377-
14	6672-12-6290	BOLT.	1	503377-
15	07005-01612	GASKET. (K1)	1	503377-

FIG. A502P-01F1 WATER PUMP PULLEY (NON HARDENING)

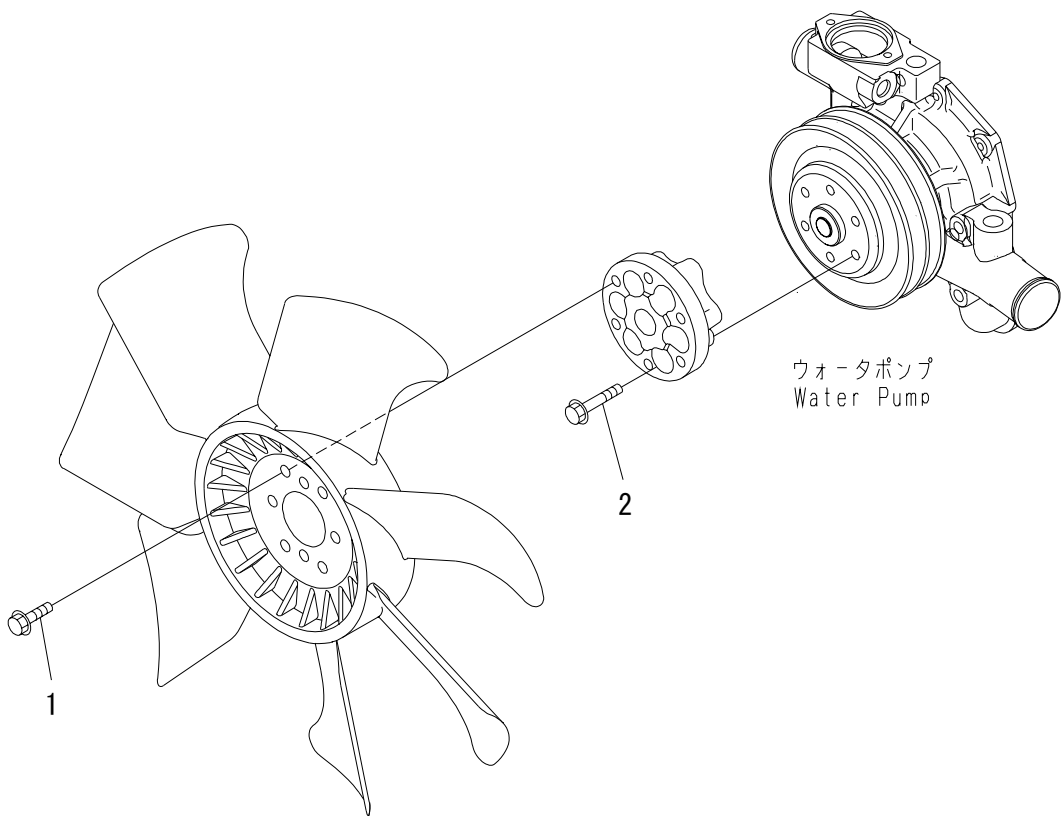


P 4 F 9 4 5 6

FIG NO. : A502P-01F1

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6207-61-3251	PULLEY, NON HARDENING.	1	503377-

FIG. A502R-01B0 FAN SPACER MOUNTING

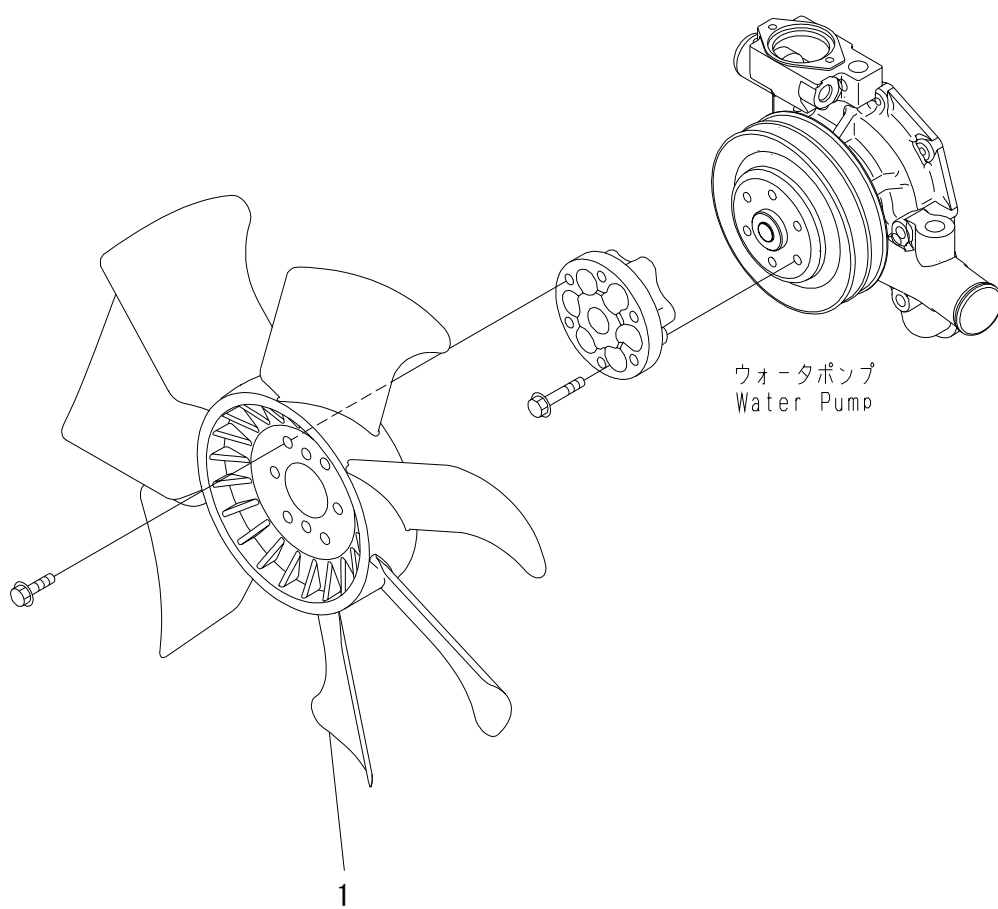


P 4 F 9 4 5 7

FIG NO. : A502R-01B0

[illegible]

FIG. A503P-01A3 COOLING FAN

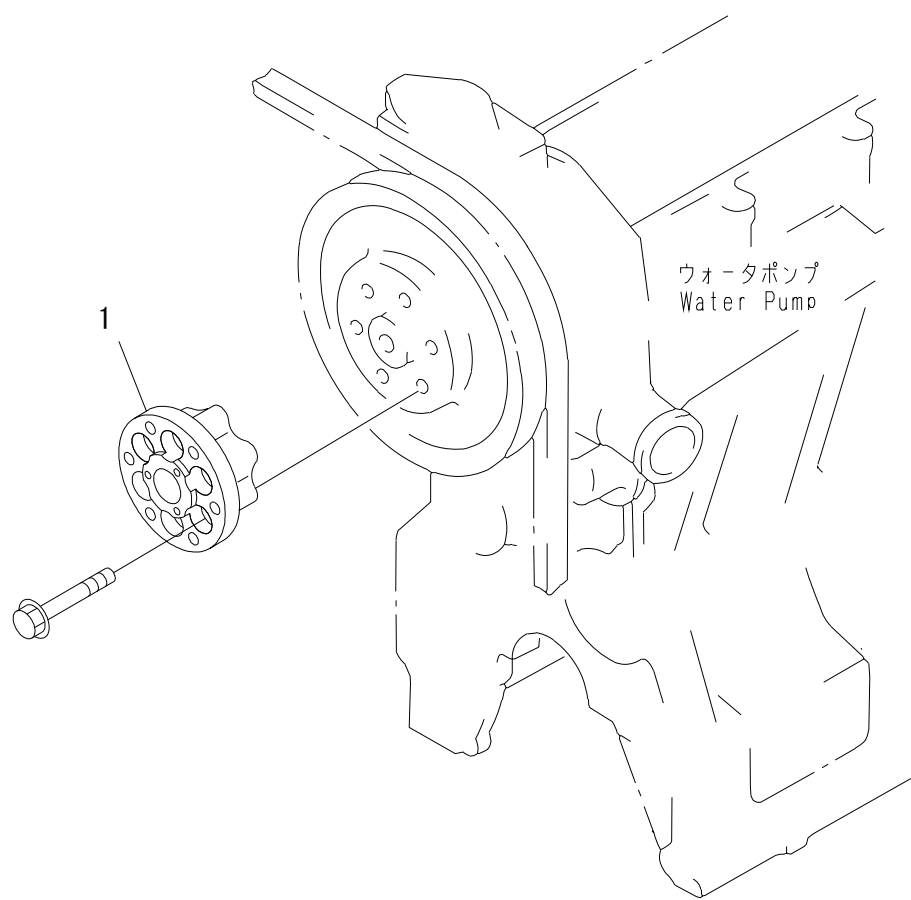


P 4 F 9 4 5 8

FIG NO. : A503P-01A3

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	600-623-8520	FAN.	1	503377-

FIG. A504P-01A8 FAN SPACER

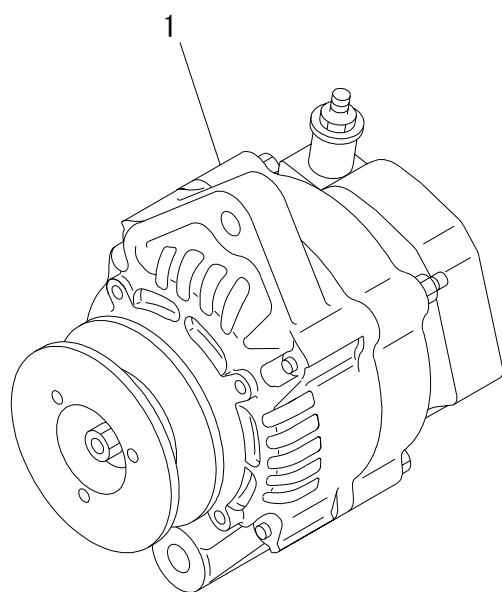


P 4 F 9 4 5 9

FIG NO. : A504P-01A8

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6206-61-3850	SPACER, FAN.	1	503377-

FIG. A601P-01C5 ALTERNATOR (60A)

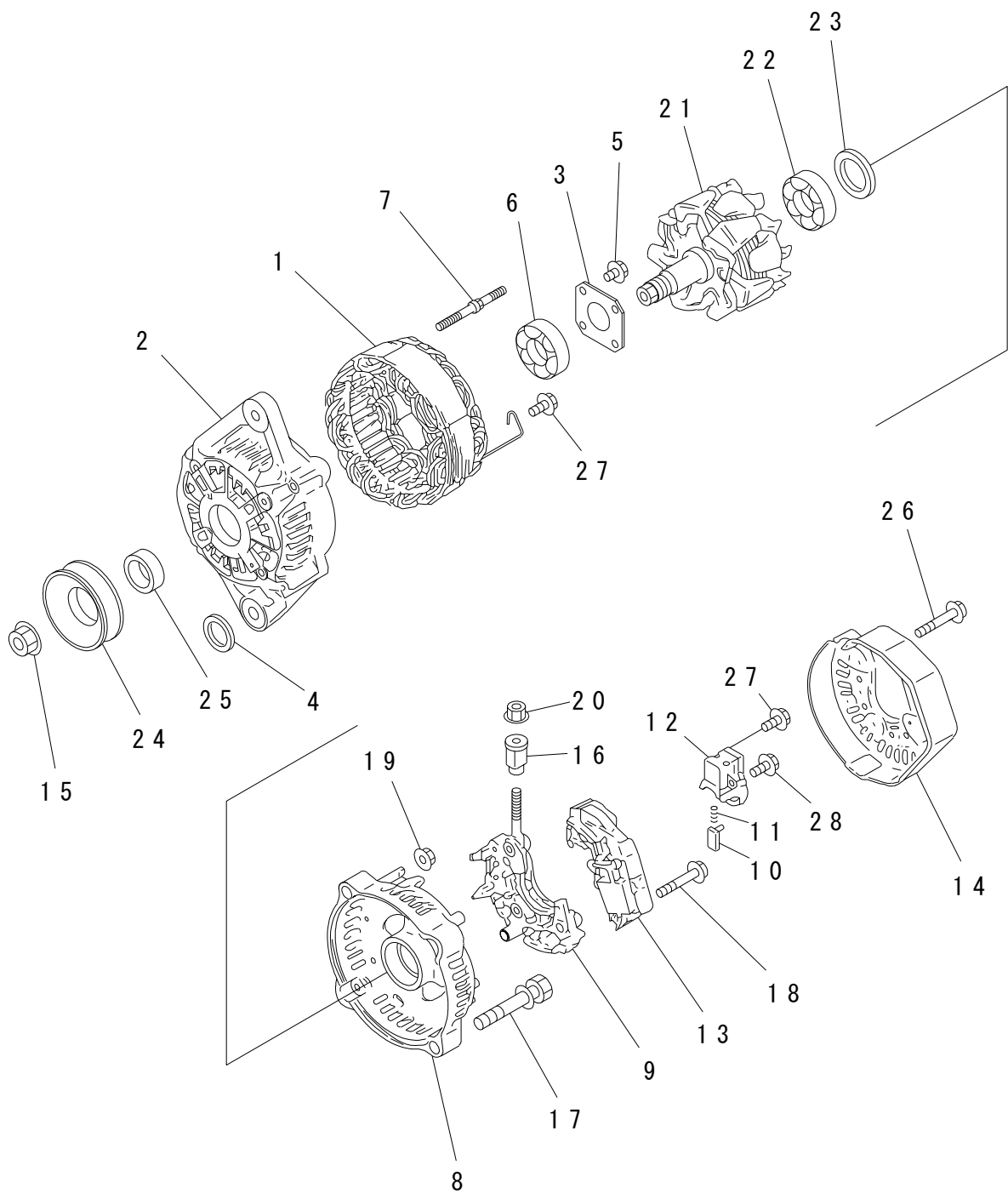


P 4 F 9 4 6 0

FIG NO. : A601P-01C5

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	(600-861-1611)	ALTERNATOR A. (60A), (SEE FIG. A601P-02C5)	1	503377-

FIG. A601P-02C5 ALTERNATOR (60A) (INNER PARTS)



P 4 F 9 4 6 1

FIG NO. : A601P-02C5

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
	600-861-1611	ALTERNATOR A. (60A).....	1	503377-
	ND121400-1880	. FRAME ASS' Y.....	1	503377-
1	ND021100-3900	.. STATOR ASS' Y.....	1	503377-
2	ND021401-5280	.. FRAME, FRONT.....	1	503377-
3	ND021411-0500	.. PLATE.....	1	503377-
4	ND021045-0530	.. COLLAR.....	1	503377-
5	ND949006-5200	.. SCREW.....	4	503377-
6	ND949100-3731	.. BEARING.....	1	503377-
7	ND949043-2120	.. STUD.....	4	503377-
8	ND021501-5330	. RECTIFIER ASS' Y, REAR.....	1	503377-
9	ND021580-3130	. BRUSH HOLDER ASS' Y.....	1	503377-
	ND021620-2201	. BRUSH HOLDER ASS' Y.....	1	503377-
10	ND021660-0510	.. BRUSH.....	2	503377-
11	ND949170-6990	.. SPRING.....	2	503377-
12	ND021626-0240	.. BRUSH HOLDER.....	1	503377-
13	ND126000-3480	. REGULATOR ASS' Y.....	1	503377-
14	ND021551-2370	. COVER, REAR.....	1	503377-
15	ND949056-2520	. NUT.....	1	503377-
16	ND021605-1650	. BUSHING.....	1	503377-
17	ND949044-4270	. SCREW.....	2	503377-
18	ND91310-04251	. SCREW.....	2	503377-
19	ND949056-2481	. NUT.....	2	503377-
20	ND949056-1001	. NUT.....	1	503377-
21	ND021200-5141	. ROTOR ASS' Y.....	1	503377-
22	ND949100-3170	.. BEARING, BALL.....	1	503377-
	ND949100-3660	.. BEARING, BALL.....	1	503377-
23	ND021506-0070	.. COVER.....	1	503377-
24	ND121041-7350	. PULLEY.....	1	503377-
25	ND021045-0700	. COLLAR.....	1	503377-
26	ND949046-2040	. BOLT.....	3	503377-
27	ND949006-5470	. SCREW.....	1	503377-
28	ND949006-5460	. SCREW.....	6	503377-

FIG. A601T-01C7 ALTERNATOR MOUNTING (60A)

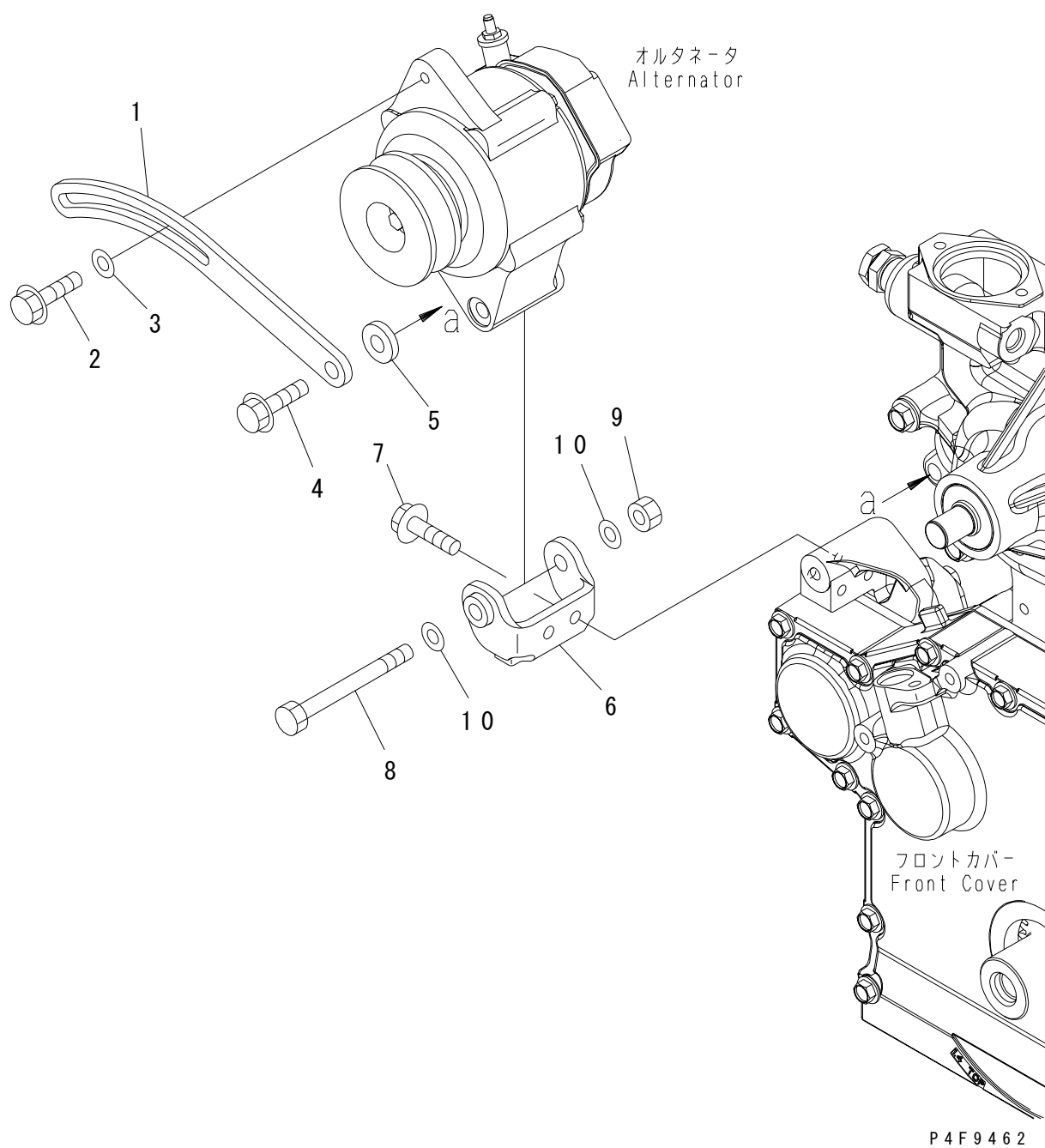
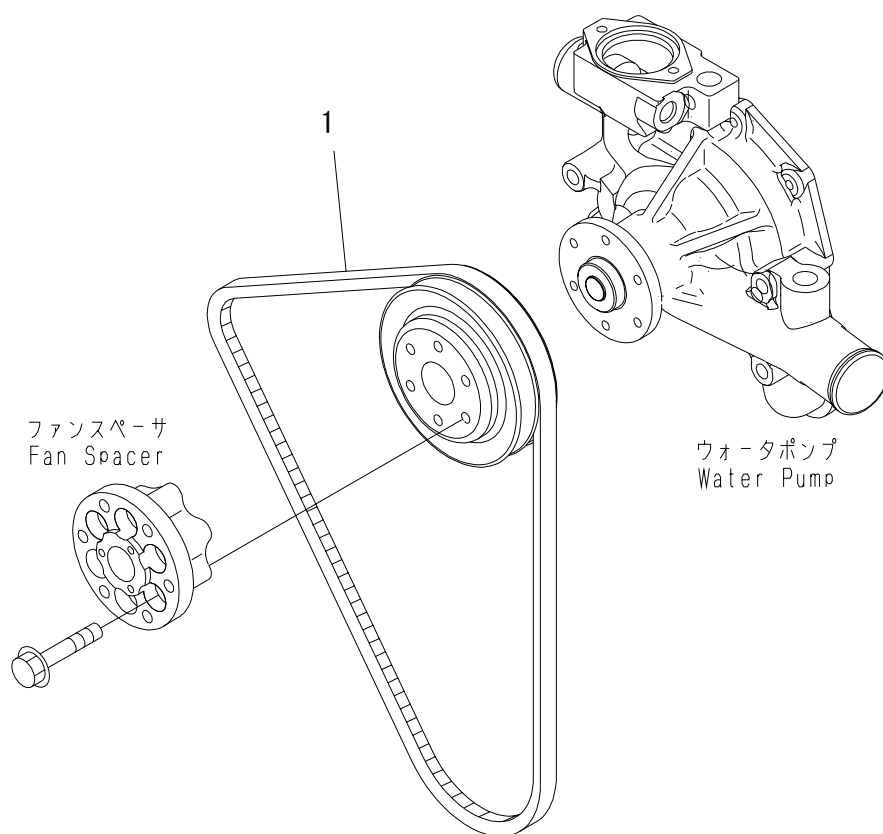


FIG NO. : A601T-01C7

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6271-81-6310	PLATE.....	1	503377-
2	01435-00830	BOLT.....	1	503377-
3	154-61-16570	WASHER.....	1	503377-
4	01435-01060	BOLT.....	1	503377-
5	6110-23-6490	SPACER.....	1	503377-
6	6204-81-6321	BRACKET.....	1	503377-
7	01435-00825	BOLT.....	2	503377-
8	01018-31095	BOLT.....	1	503377-
9	01580-01008	NUT.....	1	503377-
10	01640-21016	WASHER.....	2	503377-

FIG. A601U-01A4 FAN BELT

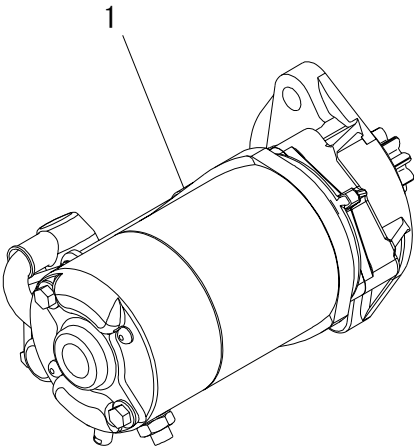


P 4 F 9 4 6 3

FIG NO. : A601U-01A4

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	04120-21754	V-BELT.....	1	503377-

FIG. A621P-01B2 STARTING MOTOR (2.5KW)

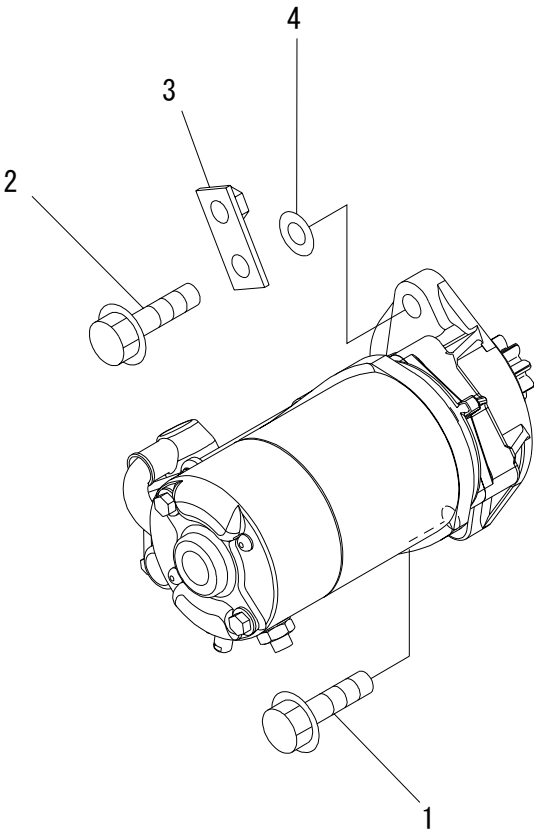


P 4 F 9 4 6 4

FIG NO. : A621P-01B2

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	600-813-1320	STARTING MOTOR ASS' Y, (2.5KW).....	1	503377-

FIG. A621S-01C0 STARTING MOTOR MOUNTING (2.5KW)



P 4 F 9 4 6 5

FIG NO. : A621S-01C0

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	01435-01235	BOLT.....	1	503377-
2	01435-01240	BOLT.....	1	503377-
3	426-01-11310	BRACKET.....	1	503377-
4	01643-31232	WASHER.....	1	503377-

FIG. A681P-01B2 WIRING HARNESS

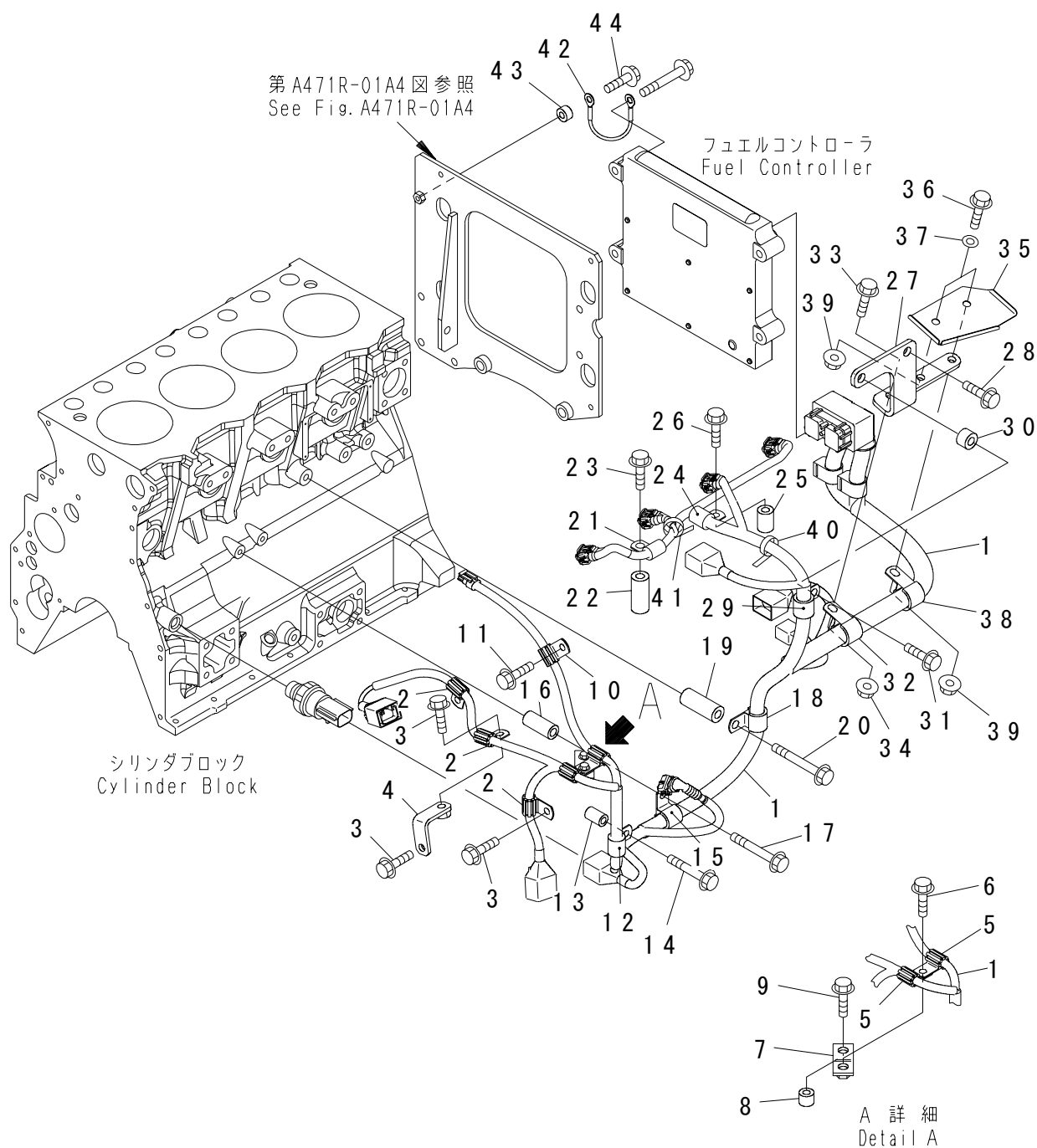


FIG NO. : A681P-01B2

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6271-81-8130	WIRING HARNESS.....	1	503377-
2	600-051-1100	CLIP.....	3	503377-
3	01435-00814	BOLT.....	4	503377-
4	6271-81-9880	BRACKET.....	1	503377-
5	600-051-1100	CLIP.....	2	503377-
6	01435-00816	BOLT.....	1	503377-
7	6115-51-7740	PLATE.....	1	503377-
8	6141-64-2560	SPACER.....	1	503377-
9	01435-00830	BOLT.....	1	503377-
10	600-051-1100	CLIP.....	1	503377-
11	01435-00816	BOLT.....	1	503377-
12	600-051-1140	CLIP.....	1	503377-
13	195-979-3510	COLLAR.....	1	503377-
14	01435-00835	BOLT.....	1	503377-
15	600-051-1180	CLIP.....	1	503377-
16	6143-11-4290	SPACER.....	1	503377-
17	01435-00855	BOLT.....	1	503377-
18	600-051-2180	CLIP.....	1	503377-
19	6150-81-6940	SPACER.....	1	503377-
20	01435-01075	BOLT.....	1	503377-
21	600-051-2100	CLIP.....	1	503377-
22	6152-51-5520	SPACER.....	1	503377-
23	01435-01065	BOLT.....	1	503377-
24	600-051-1140	CLIP.....	1	503377-
25	6130-12-4581	SPACER.....	1	503377-
26	01435-00840	BOLT.....	1	503377-
27	6271-81-9840	BRACKET.....	1	503377-
28	01435-01020	BOLT.....	1	503377-
29	600-051-2180	CLIP.....	1	503377-
30	195-01-14540	COLLAR.....	1	503377-
31	01435-01035	BOLT.....	1	503377-
32	600-051-1240	CLIP.....	1	503377-
33	01435-00820	BOLT.....	1	503377-
34	01584-00806	NUT.....	1	503377-
35	6271-91-8120	COVER.....	1	503377-
36	01435-00825	BOLT.....	2	503377-
37	154-61-16570	WASHER.....	2	503377-
38	600-051-1240	CLIP.....	1	503377-
39	01584-00806	NUT.....	2	503377-
40	08034-20519	BAND.....	1	503377-
41	08034-20414	BAND.....	1	503377-
42	6271-81-4520	WIRE.....	1	503377-
43	6691-41-8230	SPACER.....	1	503377-
44	01435-00825	BOLT.....	1	503377-

FIG. A681P-01B3 WIRING HARNESS (UL D TYPE)

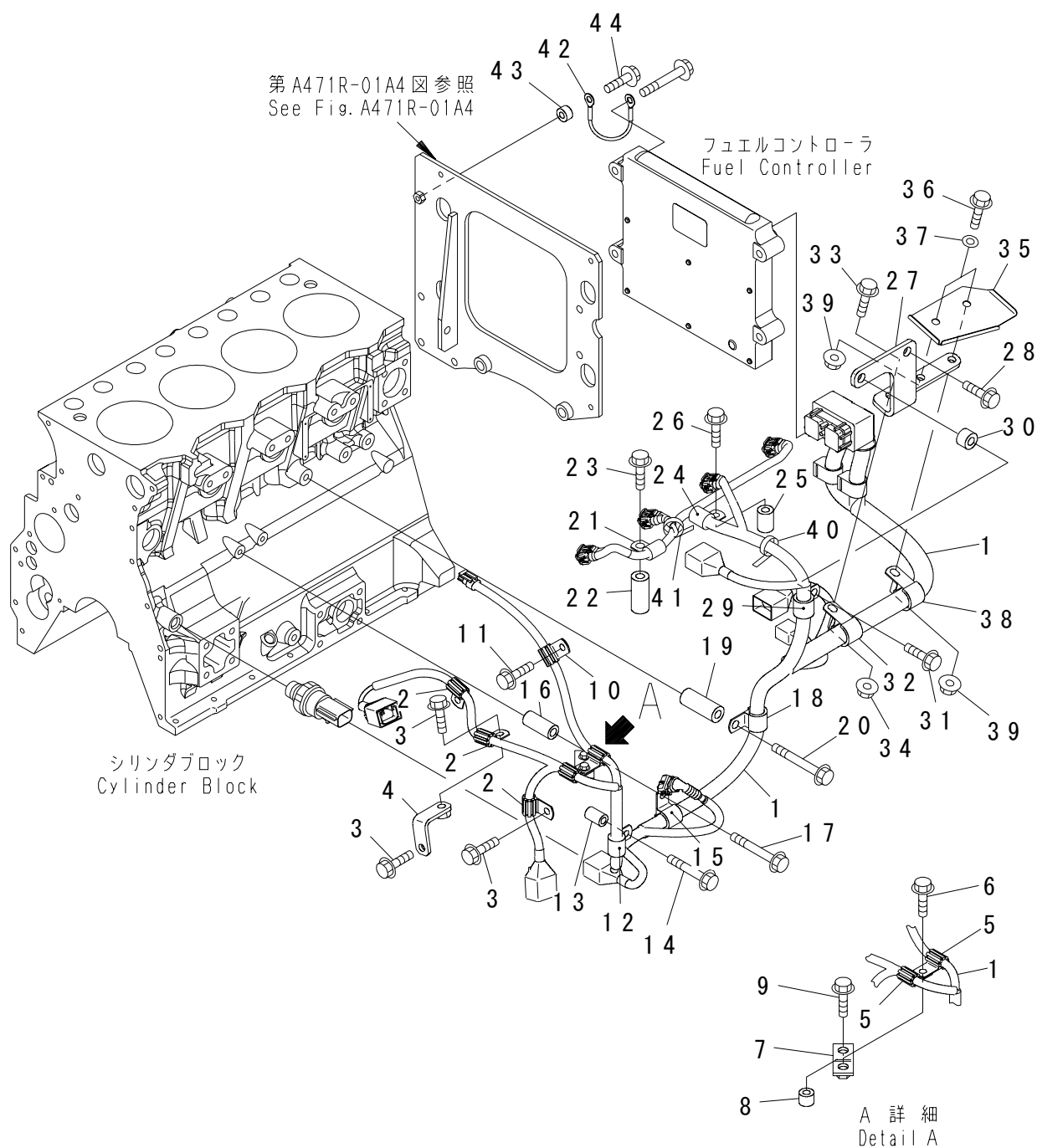


FIG NO. : A681P-01B3

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6271-81-8430	WIRING HARNESS.....	1	503377-
2	600-051-1100	CLIP.....	3	503377-
3	01435-00814	BOLT.....	4	503377-
4	6271-81-9880	BRACKET.....	1	503377-
5	600-051-1100	CLIP.....	2	503377-
6	01435-00816	BOLT.....	1	503377-
7	6115-51-7740	PLATE.....	1	503377-
8	6141-64-2560	SPACER.....	1	503377-
9	01435-00830	BOLT.....	1	503377-
10	600-051-1100	CLIP.....	1	503377-
11	01435-00816	BOLT.....	1	503377-
12	600-051-1140	CLIP.....	1	503377-
13	195-979-3510	COLLAR.....	1	503377-
14	01435-00835	BOLT.....	1	503377-
15	600-051-1180	CLIP.....	1	503377-
16	6143-11-4290	SPACER.....	1	503377-
17	01435-00855	BOLT.....	1	503377-
18	600-051-2180	CLIP.....	1	503377-
19	6150-81-6940	SPACER.....	1	503377-
20	01435-01075	BOLT.....	1	503377-
21	600-051-2100	CLIP.....	1	503377-
22	6152-51-5520	SPACER.....	1	503377-
23	01435-01065	BOLT.....	1	503377-
24	600-051-1140	CLIP.....	1	503377-
25	6130-12-4581	SPACER.....	1	503377-
26	01435-00840	BOLT.....	1	503377-
27	6271-81-9840	BRACKET.....	1	503377-
28	01435-01020	BOLT.....	1	503377-
29	600-051-2180	CLIP.....	1	503377-
30	195-01-14540	COLLAR.....	1	503377-
31	01435-01035	BOLT.....	1	503377-
32	600-051-1240	CLIP.....	1	503377-
33	01435-00820	BOLT.....	1	503377-
34	01584-00806	NUT.....	1	503377-
35	6271-91-8120	COVER.....	1	503377-
36	01435-00825	BOLT.....	2	503377-
37	154-61-16570	WASHER.....	2	503377-
38	600-051-1240	CLIP.....	1	503377-
39	01584-00806	NUT.....	2	503377-
40	08034-20519	BAND.....	1	503377-
41	08034-20414	BAND.....	1	503377-
42	6271-81-4520	WIRE.....	1	503377-
43	6691-41-8230	SPACER.....	1	503377-
44	01435-00825	BOLT.....	1	503377-

FIG. A8220-01A0 CYLINDER HEAD GASKET KIT

KIT 詳細については次のページを参照して下さい。
See subsequent pages for details.

K-1 6271-K1-1100 シリンダ ヘッド ガスケット キット
CYLINDER HEAD GASKET KIT

P 4 F 9 4 8 0

FIG NO. : A8220-01A0

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6271-K1-1100	GASKET KIT, CYLINDER HEAD.....	1	503377-
	02896-11008	. O-RING.....	2	503377-
	07003-01015	. GASKET.....	2	503377-
	07005-00812	. GASKET.....	1	503377-
	07005-01412	. GASKET.....	6	503377-
	07005-01612	. GASKET.....	1	503377-
	6136-11-8142	. RUBBER.....	3	503377-
	6140-11-6331	. GASKET.....	1	503377-
	6204-11-1840	. GASKET.....	1	503377-
	6204-11-4850	. GASKET.....	1	503377-
	6204-11-8810	. O-RING.....	1	503377-
	6204-21-6820	. GASKET.....	1	503377-
	6204-61-1910	. RING.....	1	503377-
	6204-61-1960	. GASKET.....	1	503377-
	6205-11-5580	. GASKET.....	2	503377-
	6205-11-5811	. GASKET.....	1	503377-
	6205-51-7611	. GASKET.....	1	503377-
	6206-61-1740	. GASKET.....	1	503377-
	6271-11-3850	. SEAL.....	4	503377-
	6271-11-3880	. GASKET.....	4	503377-
	6271-11-4920	. SEAL.....	1	503377-
	6271-11-5850	. GASKET.....	1	503377-
	THE FOLLOWING PARTS ARE NOT USED FOR THIS MODEL.			
	6204-41-4541	. SEAL.....	8	503377-
	6216-84-9740	. SEAL.....	1	503377-
	6271-81-1930	. O-RING.....	1	503377-

FIG. A8220-02A0 CYLINDER BLOCK GASKET KIT

KIT 詳細については次のページを参照して下さい。
See subsequent pages for details.

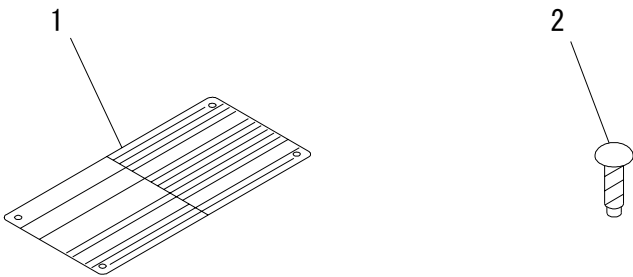
K-2 6271-K2-1100 シリンダ ブロック ガasket キット
CYLINDER BLOCK GASKET KIT

P 4 F 9 4 8 1

FIG NO. : A8220-02A0

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
2	6271-K2-1100	GASKET KIT, CYLINDER BLOCK.....	1	503377-
	02896-11008	. O-RING.....	2	503377-
	02896-61018	. O-RING.....	2	503377-
	07000-02085	. O-RING.....	1	503377-
	07000-12085	. O-RING.....	1	503377-
	07000-72070	. O-RING.....	2	503377-
	07002-62434	. O-RING.....	4	503377-
	07003-01015	. GASKET.....	2	503377-
	07005-01212	. GASKET.....	2	503377-
	07005-01412	. GASKET.....	13	503377-
	07005-02216	. GASKET.....	1	503377-
	6140-21-1341	. SEAL.....	1	503377-
	6204-21-3510	. SEAL.....	1	503377-
	6204-21-6820	. GASKET.....	1	503377-
	6204-51-6122	. O-RING.....	1	503377-
	6204-61-1910	. RING.....	1	503377-
	6205-51-7611	. GASKET.....	1	503377-
	6205-61-5420	. O-RING.....	1	503377-
	6206-21-3840	. GASKET.....	1	503377-
	6206-61-1740	. GASKET.....	1	503377-
	6208-61-5420	. GASKET.....	1	503377-
	6215-81-9710	. O-RING.....	5	503377-
	6215-81-9720	. O-RING.....	1	503377-
		THE FOLLOWING PARTS ARE NOT USED FOR THIS MODEL.		
	6141-21-1332	. SEAL.....	1	503377-
	6162-53-5430	. PACKING.....	1	503377-
	6202-21-4151	. GASKET.....	1	503377-
	6219-81-1990	. O-RING.....	1	503377-
	6271-81-9220	. O-RING.....	2	503377-

FIG. A981P-01A5 ENGINE NAME PLATE

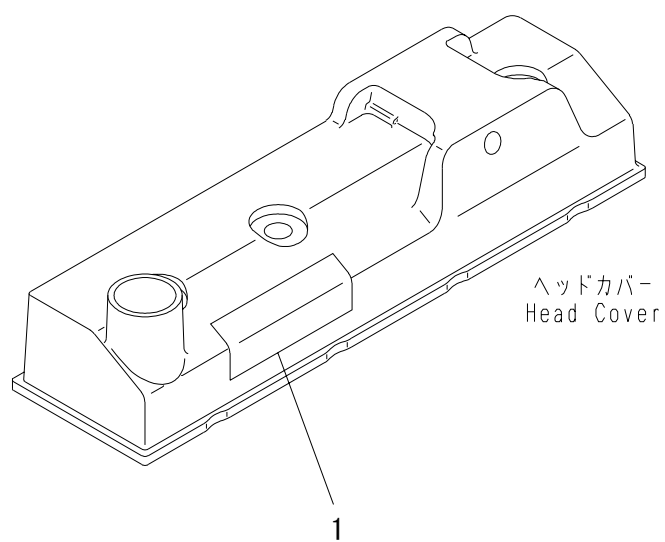


P 4 F 9 4 4 7

FIG NO. : A981P-01A5

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6271-81-2431	PLATE.	1	503377-
2	04418-02550	SCREW.	4	503377-

FIG. A9850-01B0 CAUTION PLATE

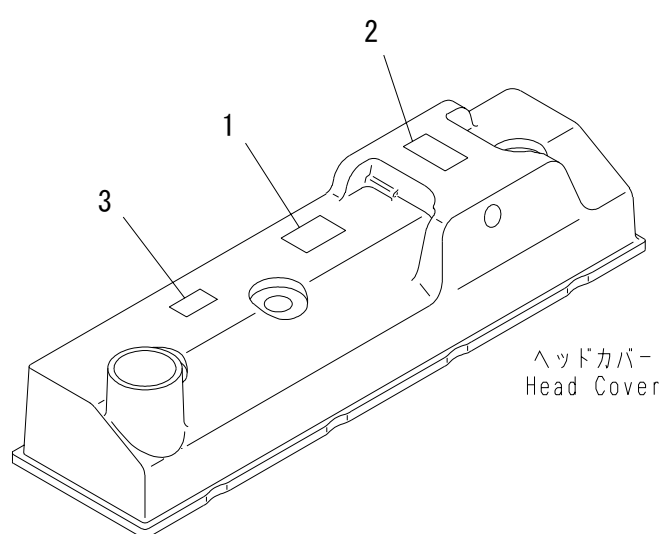


P 4 F 9 4 4 8

FIG NO. : A9850-01B0

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6217-81-2990	PLATE.....	1	503377-

FIG. A9850-01B1 APPROVAL CAUTION PLATE (FOR JAPAN)

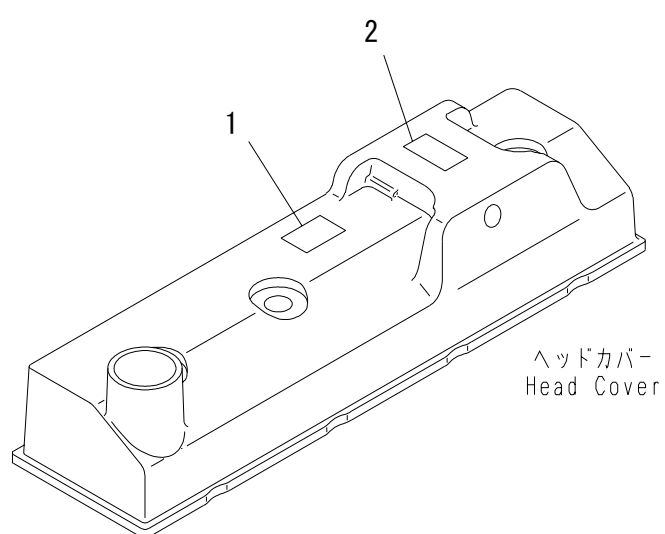


P 4 F 9 4 4 9

FIG NO. : A9850-01B1

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6271-81-2543	PLATE.	1	503377-
2	6204-81-2563	PLATE.	1	503377-
3	600-021-2110	PLATE.	1	503377-

FIG. A9850-01B2 APPROVAL CAUTION PLATE (EXCEPT JAPAN)



ヘッドカバー
Head Cover

P 4 F 9 4 5 0

FIG NO. : A9850-01B2

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6271-81-2543	PLATE.	1	503377-
2	6204-81-2563	PLATE.	1	503377-

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ND021200-5141	A601P-02C5	21	AA- 107
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ND021411-0500	A601P-02C5	3	AA- 107
ND021501-5330	A601P-02C5	8	AA- 107
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ND021551-2370	A601P-02C5	14	AA- 107
ND021580-3130	A601P-02C5	9	AA- 107
ND021605-1650	A601P-02C5	16	AA- 107
ND021620-2201	A601P-02C5	10	AA- 107
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ND91310-04251	A601P-02C5	18	AA- 107
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ND949100-3660	A601P-02C5	22	AA- 107
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01252-60616	A471P-02A8	9	AA- 91
01435-00616	A153T-01E2	10	AA- 25
01435-00625	A421P-01A2	9	AA- 85
01435-00812	A233P-01A8	5	AA- 59
01435-00814	A111V-01B1	2	AA- 9
01435-00814	A153T-01E2	12	AA- 25
01435-00814	A211P-01B3	2	AA- 47
01435-00814	A331P-01C6	23	AA- 73
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01435-00820	A153S-01C1	8	AA- 23
01435-00820	A173S-01A8	2	AA- 33
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01435-00820	A681P-01B3	33	AA- 119
01435-00825	A211P-01B3	3	AA- 47
01435-00825	A301P-01B0	12	AA- 69
01435-00825	A331P-01C6	17	AA- 73
01435-00825	A331P-01C6	7	AA- 73
01435-00825	A471R-01A4	3	AA- 93
01435-00825	A601T-01C7	7	AA- 109
01435-00825	A681P-01B2	36	AA- 117
01435-00825	A681P-01B2	44	AA- 118
01435-00825	A681P-01B3	36	AA- 119
01435-00825	A681P-01B3	44	AA- 120
01435-00830	A411R-01D2	19	AA- 79
01435-00830	A601T-01C7	2	AA- 109
01435-00830	A681P-01B2	9	AA- 117
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01435-00840	A421R-01A1	5	AA- 87
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01435-01020	A219P-01C5	7	AA- 49
01435-01020	A261R-01A3	4	AA- 67
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01435-01025	A105P-01B4	4	AA- 5
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01435-01025	A411S-01E0	9	AA- 81
01435-01025	A411S-01E1	9	AA- 83
01435-01030	A105P-01B4	5	AA- 5
01435-01030	A221P-01B1	2	AA- 51
01435-01030	A471R-01A4	2	AA- 93
01435-01035	A221P-01B1	3	AA- 51
01435-01035	A421P-01A2	2	AA- 85
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01435-01060	A601T-01C7	4	AA- 109
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01435-01065	A681P-01B2	23	AA- 117
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01435-01075	A501P-01A8	11	AA- 95
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07005-01412	A8220-01A0	1	AA- 121	154-61-16570	A681P-01B2	37	AA- 117
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07005-02216	A211P-01B3	11	AA- 47	195-979-3510	A681P-01B2	13	AA- 117
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07042-70312	A201S-01A6	12	AA- 35	565-06-13212	A501P-01A8	13	AA- 95
07043-70108	A201S-01A6	21	AA- 35	600-021-2110	A9850-01B1	3	AA- 129
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07046-41810	A101P-01A2	6	AA- 3	600-051-1100	A681P-01B2	10	AA- 117
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07206-31014	A153T-01E2	5	AA- 25	600-051-1180	A681P-01B3	15	AA- 119
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07206-31014	A411S-01E1	18	AA- 83	600-051-1240	A681P-01B3	38	AA- 119
07230-20628	A331P-01C6	11	AA- 73	600-051-2100	A411R-01D2	12	AA- 79
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6127-71-5710	A411S-01E0	12	AA- 81	6204-11-6430	A173S-01A8	1	AA- 33
6127-71-5710	A411S-01E1	12	AA- 83	6204-11-8610	A207S-01A3	1	AA- 45
6130-12-1961	A211P-01B3	5	AA- 47	6204-11-8810	A111P-01D0	5	AA- 7
6130-12-4581	A681P-01B2	25	AA- 117	6204-11-8810	A8220-01A0	1	AA- 121
6130-12-4581	A681P-01B3	25	AA- 119	6204-13-1610	A101P-01A2	18	AA- 3
6130-22-5290	A211P-01B3	4	AA- 47	6204-19-1310	A101P-01A2	2	AA- 3
6130-32-1361	A401P-01K6	4	AA- 75	6204-21-1610	A201S-01A6	4	AA- 35
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6136-11-8130	A111P-01D0	7	AA- 7	6204-21-3510	A8220-02A0	2	AA- 123
6136-11-8142	A111P-01D0	8	AA- 7	6204-21-5180	A211P-01B3	10	AA- 47
6136-11-8142	A8220-01A0	1	AA- 121	6204-21-5510	A219P-01C5	3	AA- 49
6136-31-1431	A233P-01A8	2	AA- 59	6204-21-6820	A153T-01E2	11	AA- 25
6136-51-6190	A411R-01D2	14	AA- 79	6204-21-6820	A8220-01A0	1	AA- 121
6136-52-1620	A201S-01A6	22	AA- 35	6204-21-6820	A8220-02A0	2	AA- 123
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For future use, write your Komatsu machine and distributor information below:

Machine Serial Number:

Engine Serial Number:

Date Delivered:

Komatsu Distributor Name:

Address:

Phone Number:

Fax Number:

E-mail Address:

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PEC10E2-01C

PARTS BOOK

S4D95LE-3-CX

Serial No. 128788 and up

FOREWORD

When ordering a spare part, specify the part number, part name, and quantity required, and also specify your machine model code, machine serial number, engine serial number and the service meter reading.

This Parts Book describes not only standard items but also optional equipment and attachments. To order a part, please contact your nearest Komatsu distributor.

This Parts Book contains the information and special symbols as follows:

Figure and list	When you open this Parts Book, you will find an illustration on the left page (even-numbered page) for the spare parts group. Each individual part in the group is given an index number. On the right page, the component parts of the group are listed in the order of the index numbers shown on the illustration page. The part number, part name, and applicable machine serial number are given for each part.
FIG. No.	The FIG. No. is the number of the illustration shown on the page. It is not the spare part number. The numbers are not always continuous.
INDEX	This is the same as the index number in the illustration. The parts are listed in index number order.
PART No.	The number given in the PART No. column is the part number for the part shown. It is the code used when ordering that part. It is important that there be no mistake in this code number when ordering.
DESCRIPTION	This gives the name of part that has the part number listed. The mark "." is put in front of the part name of an assembly part and the item is entered following the assembly. If a part marked with "." is a sub assembly, its components are marked with "..". Example: ELEMENT ASSEMBLY, AIR CLEANER .ELEMENT ASSEMBLY, OUTER ..ELEMENT, OUTER ..NUT, WING ..WASHER
Q'TY (Quantity)	This specifies the number of pieces used for one machine. However, if a part is included in the assembly and/or component, the quantity per such assembly and/or component is specified.
SERIAL No.	Applicable engine serial number is indicated for the engine volume. In the chassis volume, this indicates the machine serial number in which the part is used.
Symbols and codes	Symbols and codes are used in the PART No. and DESCRIPTION columns, and represent the following: ☐ The part specified in the line above can be used instead of this part.

Symbols
and codes
(Cont'd)

◻	This part can be used instead of the part specified in the line immediately above.
◆	This part and the part specified in the line immediately above are interchangeable.
■	The part specified in the DESCRIPTION column can be used instead of this part if it is used as a set.
⊠	This shows discontinued part. The part specified in the above line is supplied instead.
▼	This shows a discontinued part. The part specified in the DESCRIPTION column is supplied instead as a set.
☆	This part cannot be supplied as an individual part. It is supplied as an assembly.
★	This part cannot be supplied as an individual part. It is supplied as an assembly. However, it is supplied as an individual part by authorized distributors only.
⊙	This indicates a part group. The part marked with this symbol is not considered a supply part.
====	The parts surrounded by this line are components of the part group specified in the above line.
G-1,G-2	These indicate categories of part groups.
KIT	This indicates kit parts. For kit parts, refer to the service kit tables provided in this Parts Book.
△	This indicates a part supplied as semi-finished. It requires additional work before installation.
PAINT(1)	This indicates parts shipped painted with undercoat.
PAINT(2)	This indicates parts supplied with different colors from the original color of your machine.
(A)	This code indicates special parts for cold weather "A" specification (-30°C) machines.
(B)	This indicates special parts for cold weather "B" specification (-50°C) machines.

AVANT-PROPOS

Lorsque vous passez une commande d'une ou plusieurs pièces détachées, vous êtes prié de spécifier, outre le ou les numéro(s), désignation(s) et quantité(s) des pièces commandée(s), le numéro de carrosserie, le numéro de série du moteur et la lecture du compteur de service du véhicule.

Sur le présent catalogue des pièces figurent non seulement les équipements standard, mais également les équipements et accessoires en option. Si vous désirez un équipement ou une pièce quelconque, vous êtes prié de prendre contact avec le concessionnaire Komatsu le plus proche.

Ce catalogue des pièces se présente de la manière suivante:

Figures et listes	Lorsque vous ouvrez le présent catalogue, vous trouvez: sur la page de gauche (numéro de page pair), les illustrations de toutes les pièces composant l'équipement en question avec les numéros de référence pour chacune des pièces, sur la page de droite (numéro de page impair), la liste des pièces dans l'ordre des numéros de référence des pièces avec indication du numéro des pièces, de la désignation des pièces, de la quantité utilisée et des numéros de série.
FIG. No. (Figure et liste)	Le numéro de figure (FIG. XX) correspond au numéro de la figure représentée sur cette page, mais ne correspond pas au numéro de la pièce détachée. Veuillez noter que les numéros de figure ne se suivent pas systématiquement.
INDEX (Numéros de référence)	Les numéros de référence correspondent aux numéros de référence notés sur la figure et sont énumérés dans l'ordre des numéros de référence.
PART No. (Numéros de pièce)	Les numéros indiqués dans cette colonne correspondent aux numéros des pièces représentées et constituent les codes à spécifier pour toute commande de pièce. Il est important de ne pas faire d'erreur avec ce code au moment de la commande.
DESCRIPTION (Description)	Dans cette colonne est indiquée la désignation des différentes pièces. Dans le cas d'un ensemble constitué de pièces, la désignation de chacune de ces pièces est précédée d'un point "." et dans le cas d'un ensemble constitué de sous-ensembles eux-mêmes constitués de pièces, la désignation de chacune de ces pièces est précédée de deux points "..". Exemple: ELEMENT ASSEMBLY, AIR CLEANER .ELEMENT ASSEMBLY, OUTER ..ELEMENT, OUTER ..NUT, WING ..WASHER
Q'TY (Quantité)	Dans cette colonne est indiqué le nombre de pièces nécessaires pour l'équipement en question. S'il s'agit de pièces comprises dans un ensemble et/ou composant, et la quantité indiquée est le nombre de pièces nécessaires pour l'ensemble et/ou le composant en question.
SERIAL No. (Numéros de série)	S'il s'agit d'un élément du moteur, ces numéros sont les numéros de série des moteurs sur lesquels cette pièce est utilisée. S'il s'agit d'un élément de la carrosserie, ces numéros sont les numéros des carrosseries sur lesquelles la pièce en question est utilisée.

Codification	Les codes indiqués dans les colonnes "N° de pièce" et "Description" ont les significations suivantes:
□	Au lieu de la pièce affectée de ce code, il est possible d'utiliser la pièce qui figure juste au-dessus.
◻	La pièce affectée de ce code peut être utilisée à la place de la pièce figurant juste au-dessus.
◆	La pièce affectée de ce code et la pièce figurant dans la ligne justeau-dessus sont interchangeables
⊠	Au lieu de la pièce affectée de ce code, il est possible d'utiliser la combinaison des pièces indiquées dans la colonne "Description".
■	Les pièces affectées de ce code ne sont plus fournies. Au lieu de cette pièce, c'est la pièce figurant dans la ligne justeau-dessus qui sera fournie.
▼	Les pièces affectées de ce code ne sont plus fournies. Au lieu de cette pièce, c'est la combinaison de pièces figurant dans la colonne "Description" qui sera fournie.
☆	Les pièces affectées de ce code ne seront pas fournies à l'unité mais par jeu de pièces.
★	Les pièces affectées de ce code ne seront pas fournies à l'unité mais par jeu de pièces, sauf dans le cas de certains concessionnaires Komatsu.
⊙	Ce code indique qu'il s'agit d'un groupe de pièces. Les pièces affectées de ce code ne sont pas fournies en tant que pièces détachées.
= = = =	Les pièces ainsi encadrées sont les pièces composantes du groupe de pièces indiqué dans la ligne d'au-dessus.
G-1, G-2	Indique le numéro du groupe de pièces
KIT	Indique qu'il s'agit d'un kit de pièces. Pour les pièces composantes des kits, veuillez vous reporter à la liste des kits de service.
△	Indique qu'il s'agit de pièces fournies à l'état semi-fini. Ces pièces devront être usinées avant l'installation.
PAINT(1)	Indique que sur les pièces fournies est appliquée uniquement une couche primaire.
PAINT(2)	Indique que la couleur de la peinture est différente de celle d'origine.
(A)	Indique qu'il s'agit de pièces pour spécifications artiques A (−30°C)
(B)	Indique qu'il s'agit de pièces pour spécifications artiques B (−50°C)

VORWORT

Bei der Bestellung von Teilen bitte die Teilenummer, die Teilebezeichnung und die Menge des jeweiligen Teils sowie die Modellnummer, die Seriennummer der Maschine, die Seriennummer des Motors und den Stand des Betriebsstundenzählers angeben.

In dieser Ersatzteilliste ist nicht nur das Standardzubehör aufgeführt, sondern auch als Sonderausstattung erhältliche Teile und Einrichtungen.

Bestellungen nimmt Ihr zuständiger Komatsu-Händler entgegen.

Die folgenden Angaben sind in der Ersatzteilliste aufgeführt.

Bild und Liste	Beim Aufschlagen des Ersatzteilkatalogs ist auf der linken Seite (d.h. der Seite mit der geraden Zahl) eine Darstellung der Bauteile der betreffenden Baugruppe zu finden. Jedes Einzelteil der Baugruppe ist mit einer Kennzahl versehen. Auf der rechten Seite (d.h. der Seite mit der ungeraden Zahl) sind die Bauteile der Baugruppe, geordnet nach den auf der linken Seite angegebenen Kennzahlen, aufgeführt. Jedes Einzelteil wird mit Teilenummer, Teilebezeichnung und entsprechender Seriennummer angegeben.
FIG. No. (Bildnummer)	Die Bildnummer entspricht der Nummer des auf der betreffenden Seite stehenden Bilds. Es handelt sich dabei nicht um die Nummer des Lieferteils. Es sei ferner erwähnt, daß die Bilder nicht fortlaufend numeriert sind.
INDEX (Kennzahl)	Dabei handelt es sich um die gleiche Zahl wie die Kennzahl im Bild. Die Teile sind geordnet nach der Kennzahl aufgeführt.
PART No. (Teilenummer)	Die in der Spalte "Teilenummer" aufgeführte Nummer entspricht der Teilenummer für das betreffende Teil. Diese Nummer dient zur Bestellung des Teils. Deshalb bei der Bestellung stets auf die genaue Angabe der Teilenummer achten.
DESCRIPTION (Beschreibung)	Hierunter wird die Bezeichnung des Teils mit der aufgeführten Teilenummer angegeben. Jedes Baugruppen-Bauteil ist mit dem vorangestellten Symbol "." gekennzeichnet und wird hinter der entsprechenden Baugruppe aufgeführt. Handelt es sich bei dem mit "." gekennzeichneten Bauteil um eine Baugruppe, sind die Bauteile dieser Baugruppe mit ".." gekennzeichnet. Beispiel: Element assembly, air cleaner . Element assembly, outer .. Element, outer .. Nut, wing .. Washer
Q'TY (Menge)	Hierunter wird die Anzahl der Bauteile für eine Maschine angegeben. Im Falle einer Baugruppe oder eines Aggregats wird allerdings die Anzahl der Teile pro Baugruppe angegeben.
SERIAL No. (Seriennummer)	Im Ersatzteilkatalog für den Motor versteht man hierunter die Seriennummer des Motors, in den das betreffende Teil eingebaut ist. Im Ersatzteilkatalog für die Maschine versteht man hierunter die Seriennummer der Maschine, in die das entsprechende Teil eingebaut ist.
Kodes	Die in den Spalten "Teile-Nr." und "Beschreibung" verwendeten Kodes haben folgende Bedeutung: ☐ Anstelle dieses Teils kann das in der vorangegangenen Zeile aufgeführte Teil verwendet werden.

□	Dieses Teil kann anstelle des in der vorangegangenen Zeile aufgeführten Teils verwendet werden.
◆	Dieses Teil ist mit dem in der vorangegangenen Zeile aufgeführten Teil austauschbar.
■	Anstelle dieses Teils kann das in der Spalte "Beschreibung" aufgeführte Teil verwendet werden, wenn das Teil zusammen mit anderen Teilen als ein Bauteilsatz verwendet wird.
⊗	Dieses Teil kann nicht mehr geliefert werden. Statt dessen wird das in der vorangegangenen Zeile aufgeführte Teil geliefert.
▼	Dieses Teil kann nicht mehr geliefert werden. Statt dessen wird das in der Spalte "Beschreibung" aufgeführte Teil als ein Bauteilsatz geliefert.
☆	Dieses Teil kann nicht als Einzelteil, sondern nur als Baugruppe geliefert werden.
★	Dieses Teil kann nicht als Einzelteil, sondern nur als Baugruppe geliefert werden. Nur bei bestimmten Händlern kann es als Einzelteil bezogen werden.
⊙	Hierdurch wird ein Aggregat gekennzeichnet. Es wird nicht zu den Lieferteilen gerechnet.
====	Die Teile innerhalb dieser Markierung gehören zu dem oben aufgeführten Aggregat.
G-1, G-2	Hiermit wird die Kategorie eines Aggregats angegeben.
KIT	Hiermit werden Teile gekennzeichnet, die nur als Satz erhältlich sind. Siehe dazu die Tabelle der als Satz gelieferten Ersatzteile.
△	Hiermit werden Teile gekennzeichnet, die in vorbearbeitetem Zustand geliefert werden und für den Einbau nachbearbeitet werden müssen.
PAINT(1)	Hiermit werden Teile gekennzeichnet, die mit Grundierung geliefert werden.
PAINT(2)	Hiermit werden Teile gekennzeichnet, die in unterschiedlichen Farben geliefert werden.
(A)	Hiermit werden Teile gekennzeichnet, die speziell für kalte Witterung (A) (-30°C) ausgelegt sind.
(B)	Hiermit werden Teile gekennzeichnet, die speziell für kalte Witterung (B) (-50°C) ausgelegt sind.

PROLOGO

Cuando tenga que efectuar un pedido de repuestos, se ruega especificar el número, el nombre y la cantidad de piezas requeridas, indicando asimismo el número de modelo, el número de serie del motor y la lectura del contador de servicio.

Esta lista de piezas especifica no solamente accesorios estándar sino también piezas y accesorios opcionales. Para realizar un pedido, sírvase ponerse en contacto con su distribuidor Komatsu más cercano.

La lista de repuestos se compone de los elementos siguientes.

Figura y lista	Al abrir esta lista de repuestos, encontrará en la página izquierda (página de número impar) una ilustración de los componentes del conjunto. La figura de cada componente individual va provista de un número de índice. En la página derecha (página de número par), los componentes del conjunto están listados siguiendo el orden de los números de índice de la página izquierda.
FIG. NO. (Número de figura)	El número de figura es el número indicado en cada una de las respectivas figuras, y no es el número de la pieza. Los números de figura no son siempre continuos.
INDEX (Número de índice)	Coincide con el número de índice de cada figura, y aparecen en la lista en orden numérico.
PART NO. (Número de pieza)	El número indicado en la columna de "Número de piezas" es el número de pieza que aparece en la figura. Es sumamente importante debido a que se utiliza como código al efectuar el pedido de piezas.
DESCRIP-TION (Nombre de las piezas)	Indica la descripción correspondiente a cada número de pieza. Los componentes de un conjunto llevan la marca "." antes del nombre. Por otra parte, cuando se tratan de piezas armadas, llevan la marca ".." antes del nombre Ejemplo: ELEMENT ASSEMBLY, AIR CLEANER .ELEMENT ASSEMBLY, OUTER ..ELEMENT, OUTER ..NUT, WING ..WASHER
Q'ty (Cantidad)	Especifica el número de piezas utilizadas en cada máquina. Sin embargo, para un conjunto o componentes de un grupo de piezas, se especifica el número de piezas por conjunto.
SERIAL NO. (Número de serie)	En el manual de piezas del motor, indica el número de serie del motor en que se utiliza la pieza. En el manual de piezas de la máquina, indica el número de serie del vehículo en que se utiliza esa pieza.

Códigos	Los códigos y números de piezas especificados en las columnas "N°. de pieza" y "Nombre de la pieza" representan lo siguiente:
	En lugar de esta pieza es posible utilizar la pieza indicada en el renglón de arriba.
	Es posible utilizar esta pieza en lugar de la indicada en el renglón inmediatamente anterior.
	Esta pieza y la indicada en el renglón inmediatamente anterior son intercambiables.
	Es posible utilizar la pieza especificada en la columna "Nombre de las piezas" si se utiliza como un conjunto.
	Esta pieza se ha dejado de suministrar. En su lugar, se suministra la pieza indicada en el renglón anterior.
	Esta pieza se ha dejado de suministrar. En su lugar, se suministra la pieza especificada en la columna "Nombre de las piezas" como un conjunto.
	Esta pieza no se suministra como pieza individual. Se suministra como un conjunto.
	Esta pieza no se suministra como pieza individual. Se suministra como un conjunto. Sin embargo, es suministrada como pieza individual por ciertos distribuidores.
	Indica grupo de piezas. Las piezas que llevan este código no son suministrables.
====	Las piezas rodeadas por esta línea son componentes del grupo de piezas especificado arriba.
G-1, G-2	Indica la clasificación del grupo de piezas.
KIT	Indica componentes de un juego. Para los componentes de un juego, refiérase a la tabla de los juegos de servicio.
	Indica pieza suministrada como semiterminada. Debe ser reelaborada antes del uso.
PAINT(1)	Indica piezas despachadas con una primera mano de pintura.
PAINT(2)	Indica piezas despachadas con colores diferentes.
(A)	Indica piezas especiales (A) especificadas para climas fríos (-30°C).
(B)	Indica piezas especiales (B) especificadas para climas fríos (-50°C)

INTRODUÇÃO

Ao solicitar uma peça, informe o número, nome e quantidade da peça necessária, bem como o número da carroçaria, número do motor, e leitura do medidor de serviço.

Esta lista de peças não somente especifica os acessórios padrões mas também as peças opcionais e aditamentos. Para pedir uma peça, entre em contato com o revendedor Komatsu mais próximo.

Este livro de peças consiste nos seguintes itens.

Figura e lista	Ao abrir este livro de peças, você encontrará na página esquerda (a página com número par), uma ilustração das peças componentes do conjunto. Cada peça individual no conjunto tem um número de índice. Na página direita (a página com número ímpar), as peças componentes do conjunto são relacionadas na ordem dos números de índice mostrados na página esquerda. Cada peça é designada com um número, nome, e número de série aplicável.
FIG. NO. (Número da figura)	O número da figura é o número da figura mostrada em tal página. Ele não é um número para fornecimento da peça. Do mesmo modo, os números das figuras nem sempre são contínuos.
INDEX (Número de índice)	Este número é igual ao número de índice na figura. As peças são relacionadas na ordem dos números de índice.
PART NO. (Número de peça)	O número designado na coluna "Número da peça" é o número para a peça mostrada. Ele é o código usado para o pedido da peça. É importante que não haja equívoco com respeito a este número ao pedir uma peça.
DESCRIP- TION (Descrição)	Este item descreve o nome da peça que tem o número de peça relacionado. É colocado um "." na frente do nome de um componente de conjunto e o item é introduzido após o conjunto. Se uma peça marcada com "." é um conjunto, seus componentes são marcados com "..". Exemplo: ELEMENT ASSEMBLY, AIR CLEANER .ELEMENT ASSEMBLY, OUTER ..ELEMENT, OUTER ..NUT, WING ..WASHER
Q'ty (Quantidade)	Este item especifica o número de peças usadas para 1 máquina. No entanto, para o conjunto ou componentes de um grupo de peças, o número de peças por conjunto é especificado.
SERIAL NO. (Número de série)	No livro de peças do motor, esse número indica o número de série do motor no qual a peça é usada. No livro de peças da máquina, esse número indica o número de série da máquina na qual a peça é usada.
Códigos	Os códigos e número de peça especificados nas colunas "N.º de peça" e "Descrição" representam o seguinte: ☐ A peça especificada na linha acima pode ser usada no lugar desta peça.

◻●	Esta peça pode ser usada no lugar da peça especificada na linha imediatamente acima.
◆	Esta peça e a peça especificada na linha imediatamente acima são intercambiáveis.
■	A peça especificada na coluna “Descrição” pode ser usada no lugar desta peça se ela for usada como um jogo.
⊗	Esta peça não é mais fornecida. A peça especificada na linha acima é fornecida em seu lugar.
▼	Esta peça não é mais fornecida. A peça especificada na coluna “Descrição” é fornecida em seu lugar como um jogo.
☆	Esta peça não pode ser fornecida como uma peça individual. Ela é fornecida como um conjunto.
★	Esta peça não pode ser fornecida como uma peça individual. Ela é fornecida como um conjunto. No entanto, ela é fornecida como uma peça individual somente por revendedores específicos.
⊙	Isso indica um grupo de peças. Esta peça não é considerada uma peça de fornecimento.
====	As peças envolvidas por esta linha são componentes do grupo de peças especificado acima.
G-1, G-2	Isso indica a categoria do grupo de peças.
KIT	Isso indica componentes de um kit. Para os componentes de um kit, refira-se à tabela de kits de serviço.
Δ	Isso indica uma peça fornecida como produto semi-acabado. Ela deve ser reformada antes do uso.
PAINT(1)	Isso indica peças embarcadas pintadas com uma primeira mão de fundo.
PAINT(2)	Isso indica peças embarcadas com cores diferentes.
(A)	Isso indica peças especiais para especificação (A) de tempo frio (-30°C).
(B)	Isso indica peças especiais para especificação (B) de tempo frio (-50°C).

الرموز وارقام القطع المذكورة في عمود « رقم القطعة » وعمود « الوصف » تمثل كما يلي:

□	القطعة المذكورة في السطر السابق يمكن استعمالها بدلاً من هذه القطعة.
◻	هذه القطعة يمكن استعمالها بدلاً من القطعة المذكورة في السطر السابق مباشرة.
◆	هذه القطعة والقطعة المذكورة في السطر السابق مباشرة يمكن لكل منهما ان تحل محل الاخرى.
■	القطعة المذكورة في عمود « الوصف » يمكن استعمالها بدلاً من هذه القطعة اذا استخدمت كقطع.
⊠	هذه القطعة توقف توريدها. يتم توريد القطعة المذكورة في السطر السابق بدلاً منها.
▼	هذه القطعة توقف توريدها. يتم توريد القطعة المذكورة في عمود « الوصف » بدلاً منها كقطع.
☆	هذه القطعة لا يمكن توريدها كقطعة منفردة. يتم توريدها كمجموعة.
★	هذه القطعة لا يمكن توريدها كقطعة منفردة. يتم توريدها كمجموعة. على انه يتم توريدها كقطعة منفردة من قبل موزعين معيّنين فقط.
⊙	هذا يشير الى مجموعة قطع. هذه القطعة لا تعتبر قطعة للتوريد.
=====	القطع المحاطة بهذا الخط هي مكونات لمجموعة القطع المذكورة اعلاه.
G-1,G-2	هذا يشير الى فئة مجموعة القطع.
KIT	هذا يشير الى مكونات الاطقم التركيبية. بخصوص الاطقم التركيبية، يرجى مراجعة جدول الاطقم التركيبية للخدمة.
△	هذا يشير الى قطعة مورّدة شبه مكتملة التصنيع. تتطلب استكمال تصنيعها قبل الاستعمال.
PAINT(1)	هذا يشير الى القطع المشحونة بعد طلائها بطبقة سفلية.
PAINT(2)	هذا يشير الى القطع المشحونة بألوان مختلفة.
(A)	هذا يشير الى قطع خاصة بمواصفات الطقس البارد من الفئة (A) (-٣٠°م).
(B)	هذا يشير الى قطع خاصة بمواصفات الطقس البارد من الفئة (B) (-٥٠°م).

مقدمة

عند طلب القطع، يرجى تحديد رقم القطعة واسم القطعة والكمية المطلوبة من القطعة، مع تحديد رقم الموديل والرقم التسلسلي للمحرك وقراءة عداد الخدمة.

قائمة القطع هذه لا تقتصر على الكماليات القياسية فقط بل تشمل أيضاً القطع والملحقات الاختيارية. لطلب القطع، يرجى الاتصال بأقرب موزع لمنتجات كوماتسو.

قائمة القطع تتضمن البنود التالية.

عندما تفتح كتاب القطع، ستجد على الصفحة اليسرى (الصفحة ذات الرقم الزوجي) شكلاً توضيحياً للقطع المكونة للمجموعة. كل قطعة في مجموعة المكونات لها رقم فهرس. على الصفحة اليمنى (الصفحة ذات الرقم الفردي) تم إدراج قائمة بالقطع التي تتكون منها المجموعة مرتبة حسب أرقام الفهرس المبينة في الصفحة اليسرى. وقد أعطيت كل قطعة من القطع رقم قطعة واسم قطعة ورقم تسلسلي ينطبق عليها.	الشكل والقائمة
رقم الشكل هو الرقم الخاص بالشكل التوضيحي الذي يظهر في تلك الصفحة. وهو ليس رقم القطعة التي يتم توريدها. كما ان ارقام الاشكال ليست دائماً متتابعة.	FIG. No. (رقم الشكل)
هذا الرقم هو نفس رقم الفهرس الوارد في الشكل التوضيحي. تدرج القطع في القائمة مرتبة تبعاً لأرقام الفهرس.	INDEX (رقم الفهرس)
الرقم الوارد في عمود « رقم القطعة » هو رقم القطعة الخاص بالقطعة المبينة. وهو الرمز المستخدم لطلب تلك القطعة. ومن الضروري عدم ارتكاب اي خطأ في تحديد هذا الرقم عند طلب القطع.	PART No. (رقم القطعة)
يعطي اسم القطعة المدرج رقمها في القائمة. توضع العلامة " . " امام اسماء القطع المكونة للمجموعة ويدرج البند بعد المجموعة. اذا كانت القطعة المشار اليها بالعلامة " . " هي نفسها عبارة عن مجموعة مكونات فان كلاً من مكوناتها يشار اليها بالعلامة " . . " . مثال : ELEMENT ASSEMBLY, AIR CLEANER .ELEMENT ASSEMBLY, OUTER .. ELEMENT, OUTER ..NUT, WING ..WASHER	DESCRIPTION (الوصف)
هذا هو عدد القطع المستخدمة لآلية واحدة. أما بالنسبة لمجموعات المكونات ومجموعات القطع فانه يتم تحديد عدد القطع لكل مجموعة.	Q'ty (الكمية)
في كتاب قطع المحرك، يشير هذا الرقم الى الرقم التسلسلي للمحرك الذي تستخدم فيه القطعة. في كتاب قطع الآلية، يشير هذا الرقم الى الرقم التسلسلي للآلية التي تستخدم فيها القطعة.	SERIAL No. (الرقم التسلسلي)

ПРЕДИСЛОВИЕ

При формировании заказа на детали, узлы и агрегаты, кроме их номера детали, наименования и количества, завод-изготовитель просит заказчиков информировать о серийном номере машины и двигателя, для которых делается заказ, а также показании счетчика мото-часов.

В Каталоге приведены не только стандартные агрегаты, но и дополнительные устройства и принадлежности, поставляемые по специальному заказу.

При необходимости приобретения их обратиться к местному дилеру фирмы “Комацу”.

Каталог деталей составлен, как ниже изложено:

Рисунки и таблицы деталей	При открытии Каталога на левой странице (чётной) приведен рисунок деталей устройства или агрегата. Каждая деталь обозначена номером позиции. На правой странице (нечётной) приведена таблица деталей, нарисованных на левой странице, с соответствующим номером детали, наименованием, количеством и серийными номерами машины, для которых предназначена данная деталь, в порядке возрастания номеров позиции.
FIG No. (№ рисунка)	Номер рисунка (фиг.) является собственным для данного рисунка и не является номером показанной детали. Номера рисунков (фиг.) могут быть не порядковыми.
INDEX (Указатель)	В указателе приведены номера позиции деталей на рисунке в порядке возрастания цифр.
PART No. (Номер детали)	При заказе на деталь, установленную на рисунке, следует указать номер, приведенный в данной колонне. Именно этот номер определяет каждую деталь.
DESCRIPTION (Наименование детали)	Приведено наименование детали, соответствующей выбранному номеру детали. Точка “.” поставлена перед наименованием каждой составной части устройства. Если составная часть состоит из множества деталей, то эти детали обозначаются двумя точками “..”. Например: ELEMENT ASSEMBLY, AIR CLEANER .. ELEMENT ASSEMBLY, OUTER .. ELEMENT, OUTER .. NUT, WING .. WASHER
Q'TY (Количество)	Указано количество деталей, необходимое на единицу данного устройства. Для деталей составной части устройства, а также для группы деталей указано их количество на единицу составной части или на группу.
SERIAL No. (Серийные номера)	В части двигателя приведены серийные номера двигателей, а в части шасси — серийные номера машин, в которых применена данная деталь.
Условные обозначения	Условные обозначения, применяемые в колоннах “Номер детали” и “Наименование детали”, характеризуют следующее: ☐ Вышеприведенная деталь может заменить настоящую деталь.

Условные
обозначения
(Продолжение)

●	Настоящая деталь может заменить деталь, приведенную на одну строчку выше.
◆	Настоящая деталь и деталь, приведенную на одну строчку выше, имеют взаимозаменяемость.
■	Взамен настоящей детали возможно использовать детали, приведенные в колонне "Наименование детали", в комплекте.
□	Поставка этой детали прекращена. Взамен этой детали поставляется деталь, приведенная на одну строчку выше.
▼	Поставка этой детали прекращена. Взамен этой детали поставляются детали, приведенные в колонне "Наименование детали", в комплекте.
☆	Настоящая деталь поставляется только в комплекте, а не в отдельности.
★	Настоящая деталь поставляется, как правило, только в комплекте, а не в отдельности. Ее можно достать только у отдельных дилеров фирмы "Комацу".
◎	Группа деталей. Детали не подлежат дополнительной поставке.
-----	Детали, ограниченные этой линией, составляют вышеприведенную группу деталей.
G-1, G-2	Обозначения, характеризующие отдельные группы деталей.
KIT	Составляющая комплекта. См. таблицы ремонтных комплектов.
△	Деталь, поставляемая в неготовом виде. Перед употреблением необходимо дополнительно обработать.
PAINT(1)	Детали, отгружаемые в загрунтованном виде.
PAINT(2)	Детали, отгружаемые в окрашенном в другой цвет виде.
(A)	Детали, рассчитанные на холодные районы (-30° C)
(B)	Детали, рассчитанные на особо холодные районы (-50° C)

前 言

订购零件时，请注明需要零件的货号、品名、数量以及使用机器的车辆编号、发动机型号和系列号、工作时数。

此零件明细表上不仅记载有标准装备零件，还记载有选购零件、附件零件。如果您需要订货，请与最近的小松代理店联系。

为了清楚明了，零件手册中有如下规定：

图 表	打开此零件清单后， 在左侧的页上（偶数页）用图示表示按安装的装置上的零件。在图示上标有各种零件的索引号码。 在右侧的页上（奇数页）按照左侧图示上表示的零件索引号码以表格的形式 表示货号、品名、数量、适用机型。
FIG. No.	图号 (FIG.) 表示该页图的号码，它不时补充零件用的货号。同时，此号码不一定是连续号码。
INDEX	与图的索引号码一致，按索引号码顺序编制为表格形式。
PART No.	此栏所示的货号是图示零件的货号，它是在订货时需要的标明的特定代号，是非常重要的。
DESCRIP- TION	它表示相当于货号的零件名称。 构成组装品的零件，在品名的前面有标记，记载在组装品之后。 另外，如果标记的零件是组装品，在该构成零件的品名前标有 .. 标记。 例如: ELEMENT ASSEMBLY, AIR CLEANER .ELEMENT ASSEMBLY, OUTER ..ELEMENT, OUTER ..NUT, WING ..WASHER
Q'TY	表示 1 台机器中需要使用的该零件数量。 但是，如果是组装零件和零件组的构成零件时，表示其组装件的件数。
SERIAL No.	发动机篇中表示该使用零件的发动机型号，在机体篇中表示该使用零件的车辆号码。
代 号	货号栏和零件品名栏里的代号如下所示： ☐ 上一行的零件可取代此行零件来使用。

代 号
(续)

□	此行零件可代替紧接着的上一行零件使用。
◆	此行零件可与紧挨着的上一行零件互换使用。
■	如果将此行零件说明栏内的零件配套后，可取代此零件来使用。
☒	该行零件已停止供应，用上一行的零件代替使用。
▼	此行零件已停止供应，将此行零件说明栏内的零件配套后代替此零件供应。
☆	此行零件拟成套供应，不以单一零件供应。
★	此行零件拟成套供应，不以单一零件供应，但特定代理除外。
⊙	成组零件，一般不考虑成组供应。
====	用这种符号包括的零件是符号上一行指明成组件的零部件。
G-1,G-2	成组零件编号。
KIT	修理包，关于修理包构件详情，请参考技术服务修理包资料。
△	此行零件以半成品的形式供应，使用前必须再加工。
PAINT(1)	只涂底漆装船。
PAINT(2)	和本体不同颜色装船。
(A)	适用寒冷地区。(- 30℃)
(B)	适用极寒冷地区。(- 50℃)

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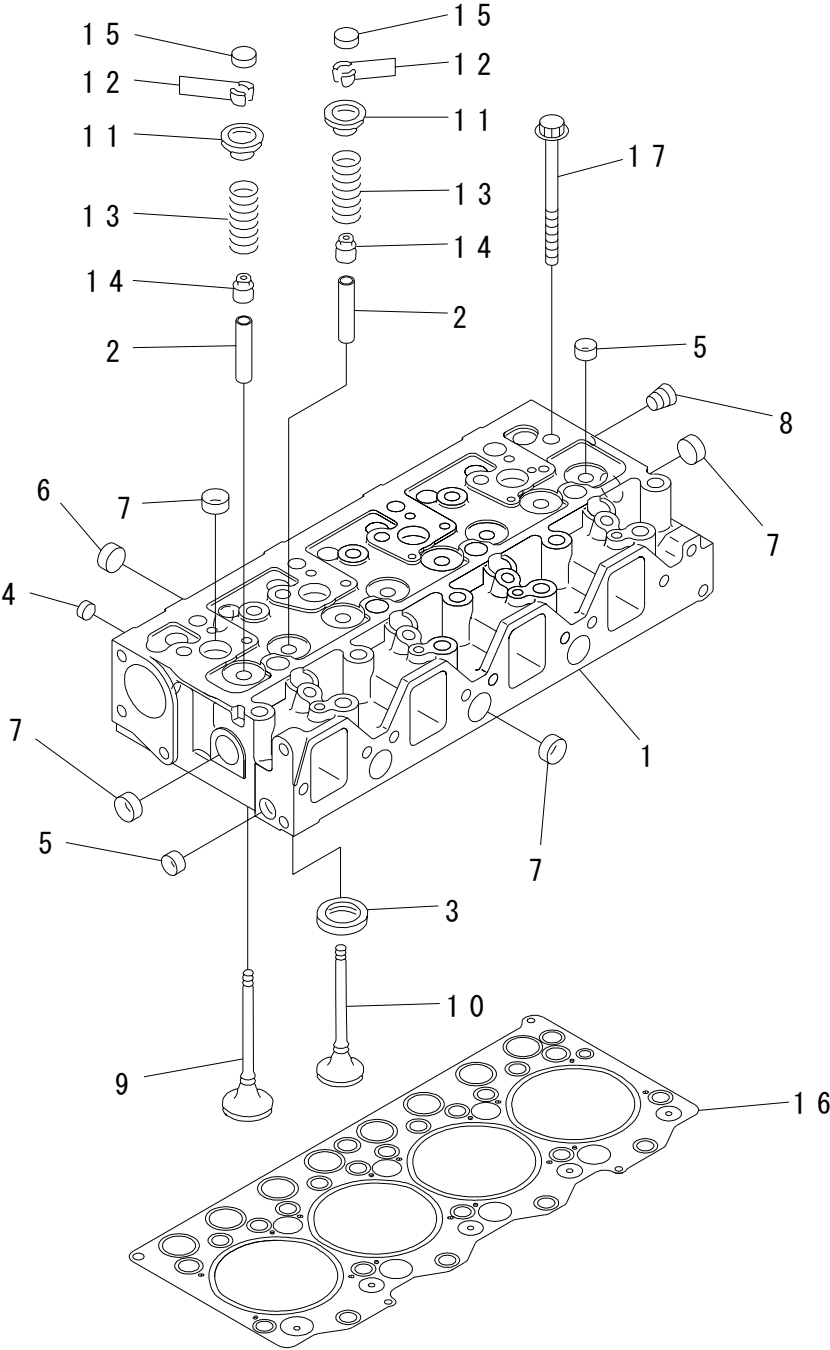
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ENGINE

FIG. A1010-A0G4 CYLINDER HEAD

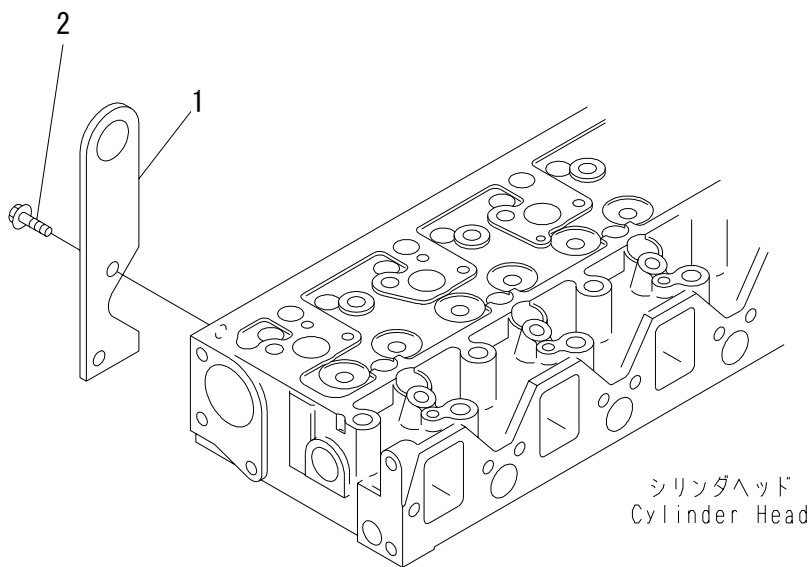


P 4 F 9 4 8 4

FIG NO. : A1010-A0G4

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
	6205-11-1700	CYLINDER HEAD ASS' Y, VALVE LESS.	1	128788-
1	☆	. HEAD, CYLINDER.	1	128788-
2	6204-19-1310	. GUIDE.	8	128788-
3	6204-11-1440	. SEAT, EXHAUST VALVE. (STD)	4	128788-
	6204-19-1440	. SEAT, 0. 25MM, EXHAUST VALVE. ... (OS)	4	128788-
	6204-18-1440	. SEAT, 0. 50MM, EXHAUST VALVE. ... (OS)	4	128788-
4	07046-41008	. PLUG.	4	128788-
5	07046-41810	. PLUG.	9	128788-
6	07046-42216	. PLUG.	3	128788-
7	07046-42516	. PLUG.	11	128788-
8	02720-40104	. PLUG.	1	128788-
9	6207-41-4130	VALVE, INTAKE.	4	128788-
10	6204-41-4210	VALVE, EXHAUST.	4	128788-
11	6204-41-4510	SEAT.	8	128788-
12	6204-41-4520	COTTER.	16	128788-
13	6204-41-4410	SPRING, VALVE.	8	128788-
14	6204-41-4541	SEAL. (K1)	8	128788-
15	6204-41-4550	CAP.	8	128788-
16	6204-11-1840	GASKET. (K1)	1	128788-
17	6204-13-1610	BOLT.	17	128788-

FIG. A1030-A0B9 FRONT HANGER

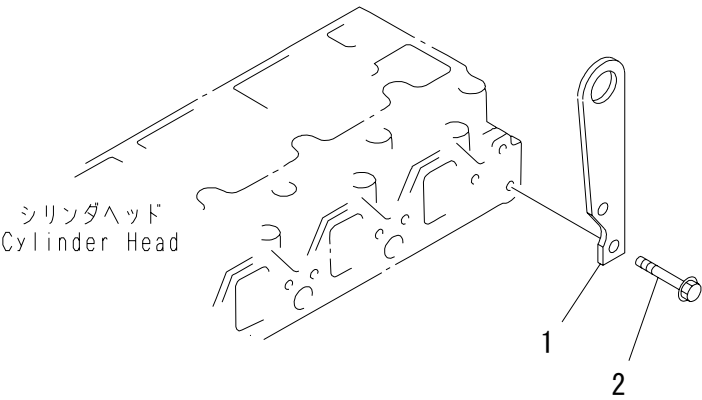


P 4 F 9 4 8 5

FIG NO. : A1030-A0B9

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6207-11-1920	HANGER, FRONT.	1	128788-
2	01435-01020	BOLT.	2	128788-

FIG. A1050-A0C6 REAR HANGER

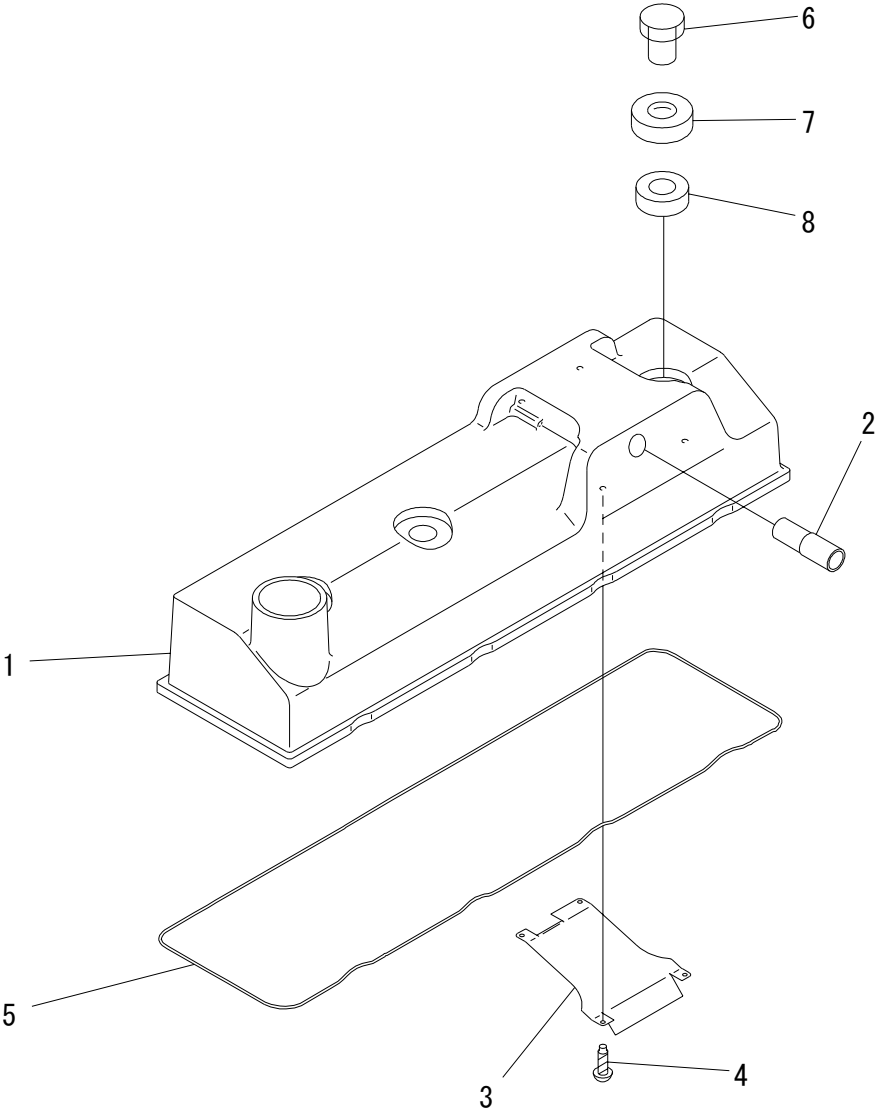


P 4 F 9 4 8 6

FIG NO. : A1050-A0C6

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6207-15-1990	HANGER, REAR.	1	128788-
2	01435-01020	BOLT.	2	128788-

FIG. A1110-A0F7 HEAD COVER

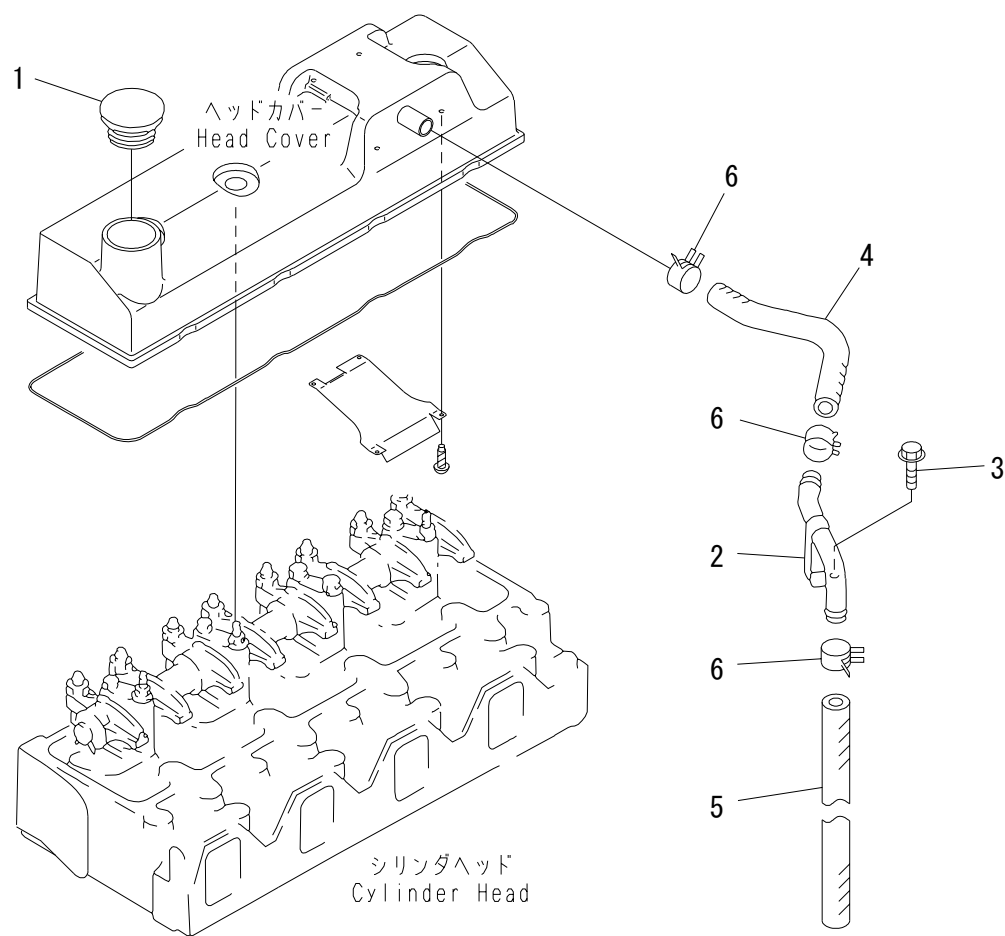


P 4 F 9 4 8 7

FIG NO. : A1110-A0F7

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
	6205-11-8301	HEAD COVER ASS' Y.....	1	128788-
1	6205-11-8111	. COVER, HEAD.....	1	128788-
2	6207-11-8170	. TUBE.....	1	128788-
3	6207-11-8140	. PLATE.....	1	128788-
4	04418-02550	. SCREW.....	4	128788-
5	6204-11-8810	O-RING..... (K1).....	1	128788-
6	6136-11-8120	NUT.....	3	128788-
7	6136-11-8130	WASHER.....	3	128788-
8	6136-11-8142	RUBBER..... (K1).....	3	128788-

FIG. A1111-A0E2 HEAD COVER RELATED PARTS

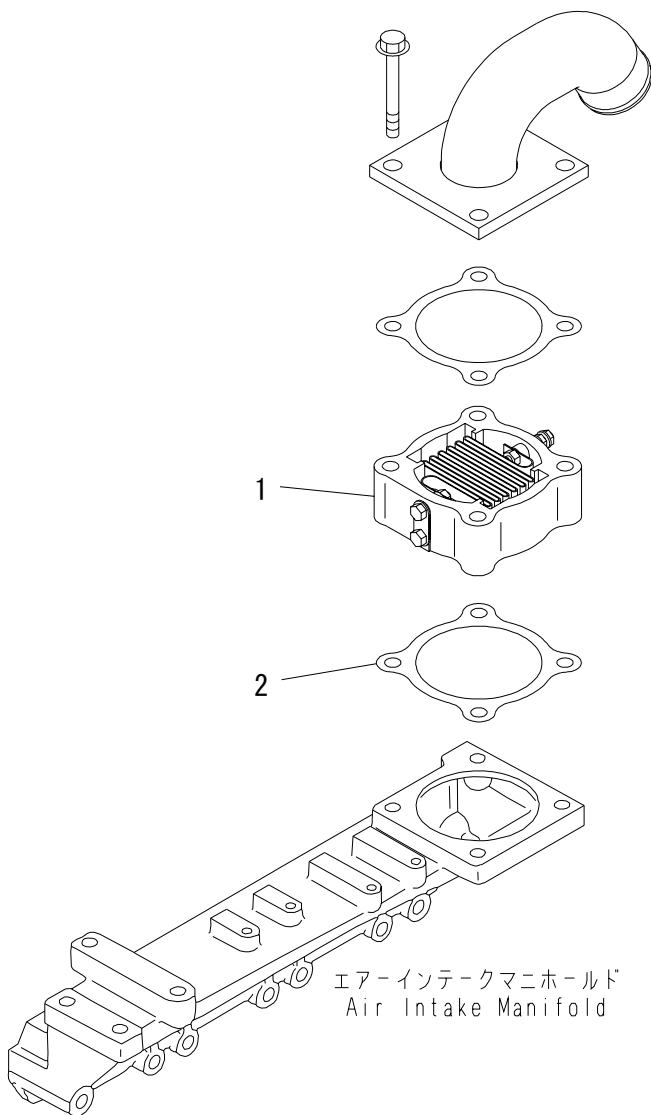


P 4 F 9 4 8 8

FIG NO. : A1111-A0E2

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6204-11-8610	CAP, OIL FILLER.....	1	128788-
2	6205-11-8930	TUBE, BREATHER.....	1	128788-
3	01435-00612	BOLT.....	1	128788-
4	07286-01616	HOSE, BREATHER.....	1	128788-
5	07286-01670	HOSE.....	1	128788-
6	07285-00180	CLAMP.....	3	128788-

FIG. A131R-01A7 AIR INTAKE HEATER

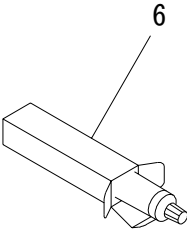
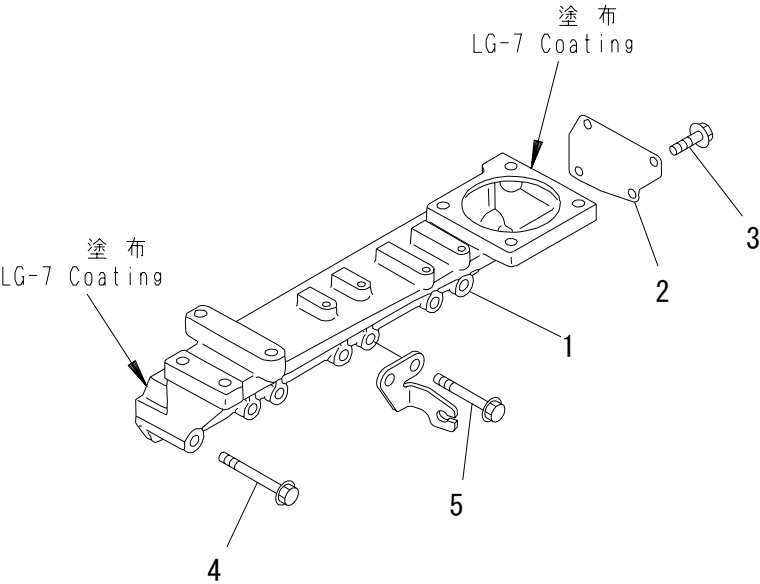


P 4 F 9 5 2 8

FIG NO. : A131R-01A7

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	600-815-9670	HEATER, RIBBON.	1	128788-
2	6204-11-4850	GASKET..... (K1).....	1	128788-

FIG. A1310-A0M3 AIR INTAKE

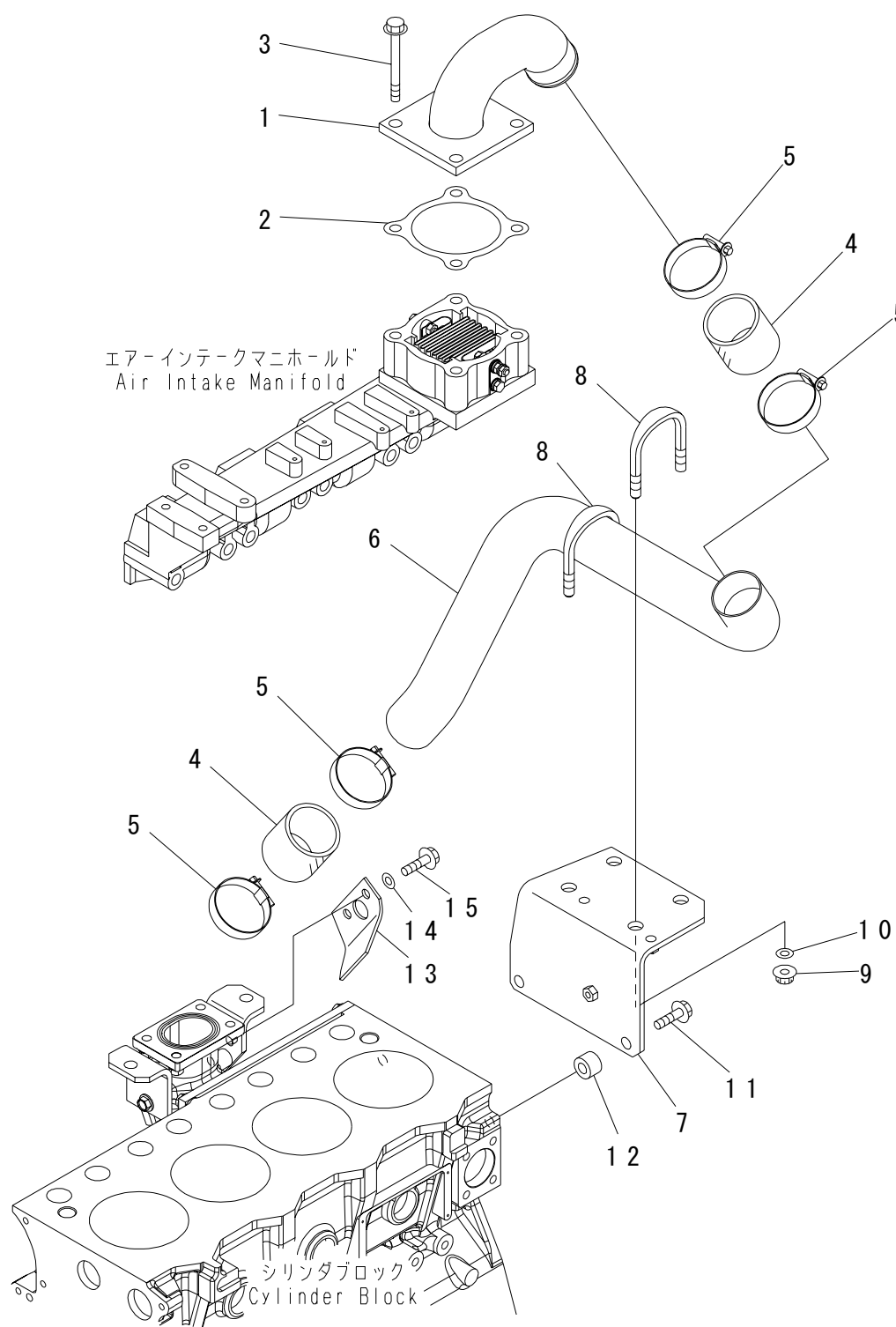


P 4 F 9 4 8 9

FIG NO. : A1310-AOM3

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
	6204-11-4122	INTAKE MANIFOLD A.....	1	128788-
1	6204-11-4131	. MANIFOLD, AIR INTAKE.....	1	128788-
2	6204-11-4140	. PLATE.....	1	128788-
3	01435-00812	. BOLT.....	4	128788-
4	01435-01075	BOLT.....	6	128788-
5	01435-01065	BOLT.....	2	128788-
6	09920-00150	LIQUID GASKET, LG-7, 150G.....	AR	128788-

FIG. A1320-A0B5 AIR INTAKE CONNECTOR

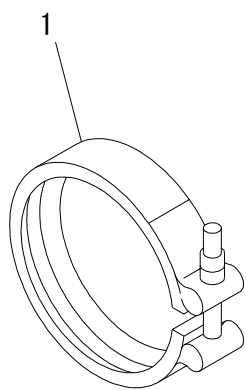


P 4 F 9 4 9 0

FIG NO. : A1320-A0B5

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6205-11-4440	CONNECTOR.....	1	128788-
2	6204-11-4850	GASKET..... (K1).....	1	128788-
3	01435-01070	BOLT.....	4	128788-
4	6131-11-4370	HOSE.....	2	128788-
5	07281-00709	CLAMP.....	4	128788-
6	6205-11-4450	CONNECTOR.....	1	128788-
7	6205-11-4460	BRACKET.....	1	128788-
8	07283-35150	CLIP.....	2	128788-
9	01597-01009	NUT.....	4	128788-
10	01643-31032	WASHER.....	4	128788-
11	01435-01035	BOLT.....	2	128788-
12	195-01-14540	COLLAR.....	2	128788-
13	6205-81-8760	COVER.....	1	128788-
14	01640-20816	WASHER.....	2	128788-
15	01435-00812	BOLT.....	2	128788-

FIG. A151R-01A4 EXHAUST CONNECTION

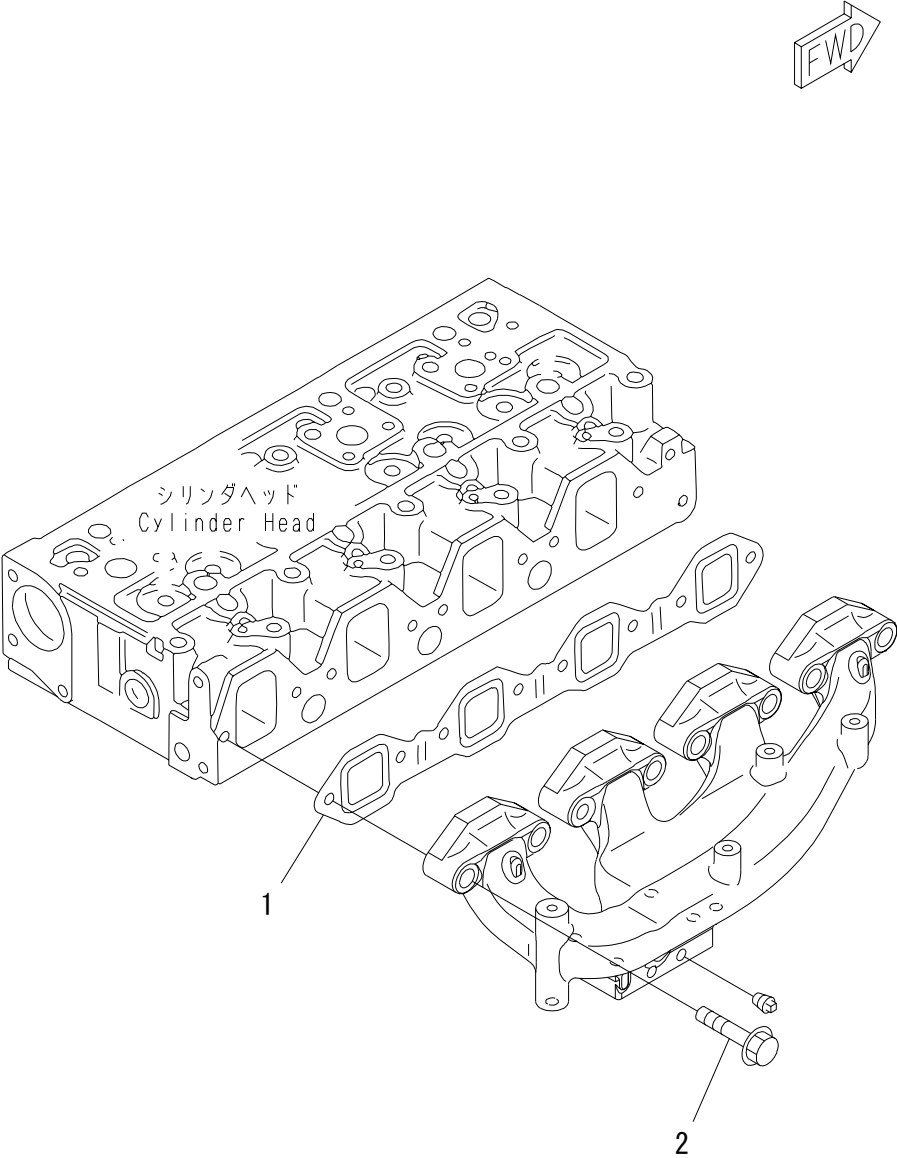


P 4 F 9 5 4 2

FIG NO. : A151R-01A4

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6732-81-8220	BAND.....	1	128788-

FIG. A151V-01B1 EXHAUST MUFFLER MOUNTING

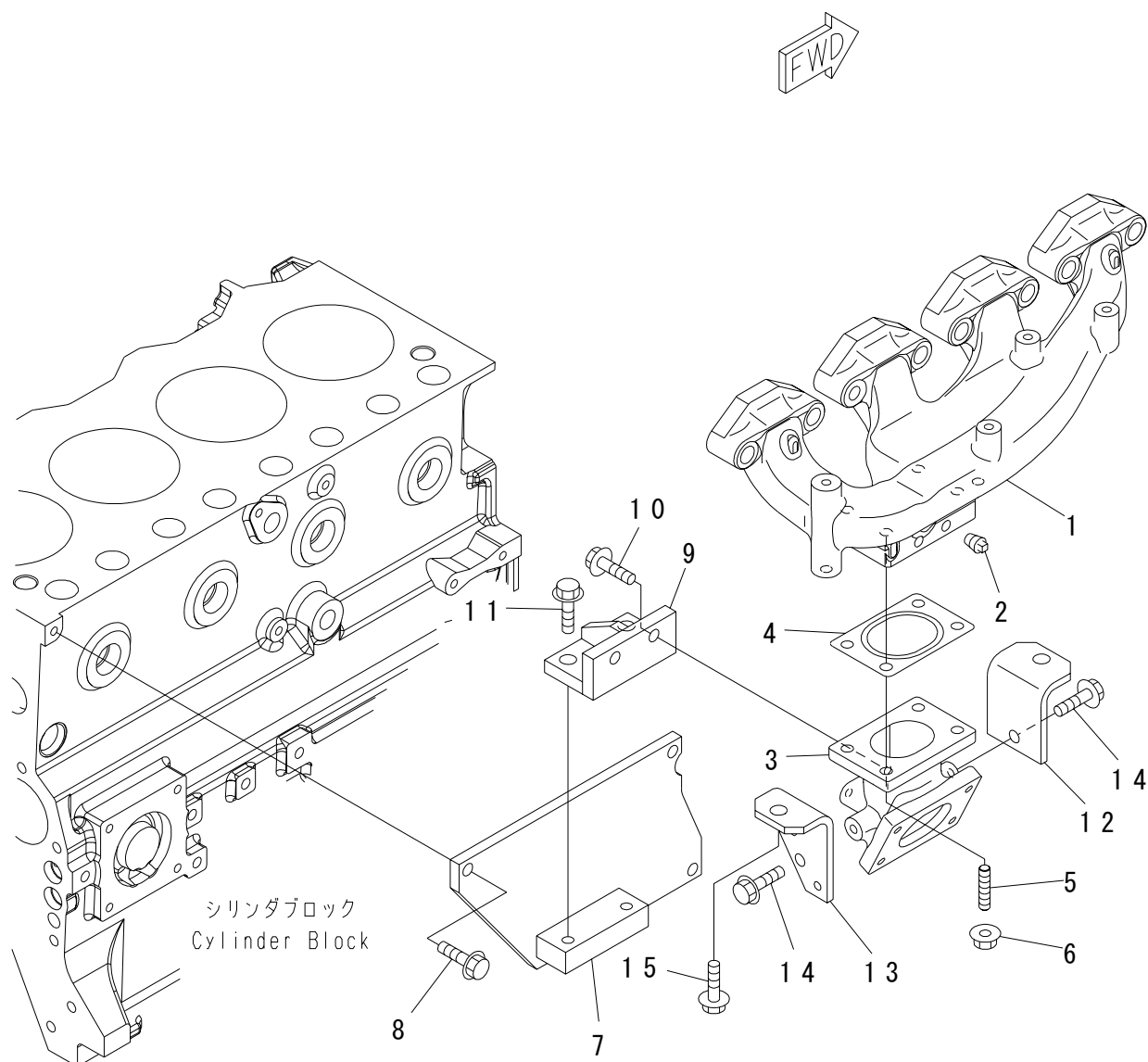


P 4 F 9 5 4 1

FIG NO. : A151V-01B1

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6205-11-5811	GASKET..... (K1).....	1	128788-
2	01435-01045	BOLT.....	8	128788-

FIG. A1510-A0G6 EXHAUST MANIFOLD

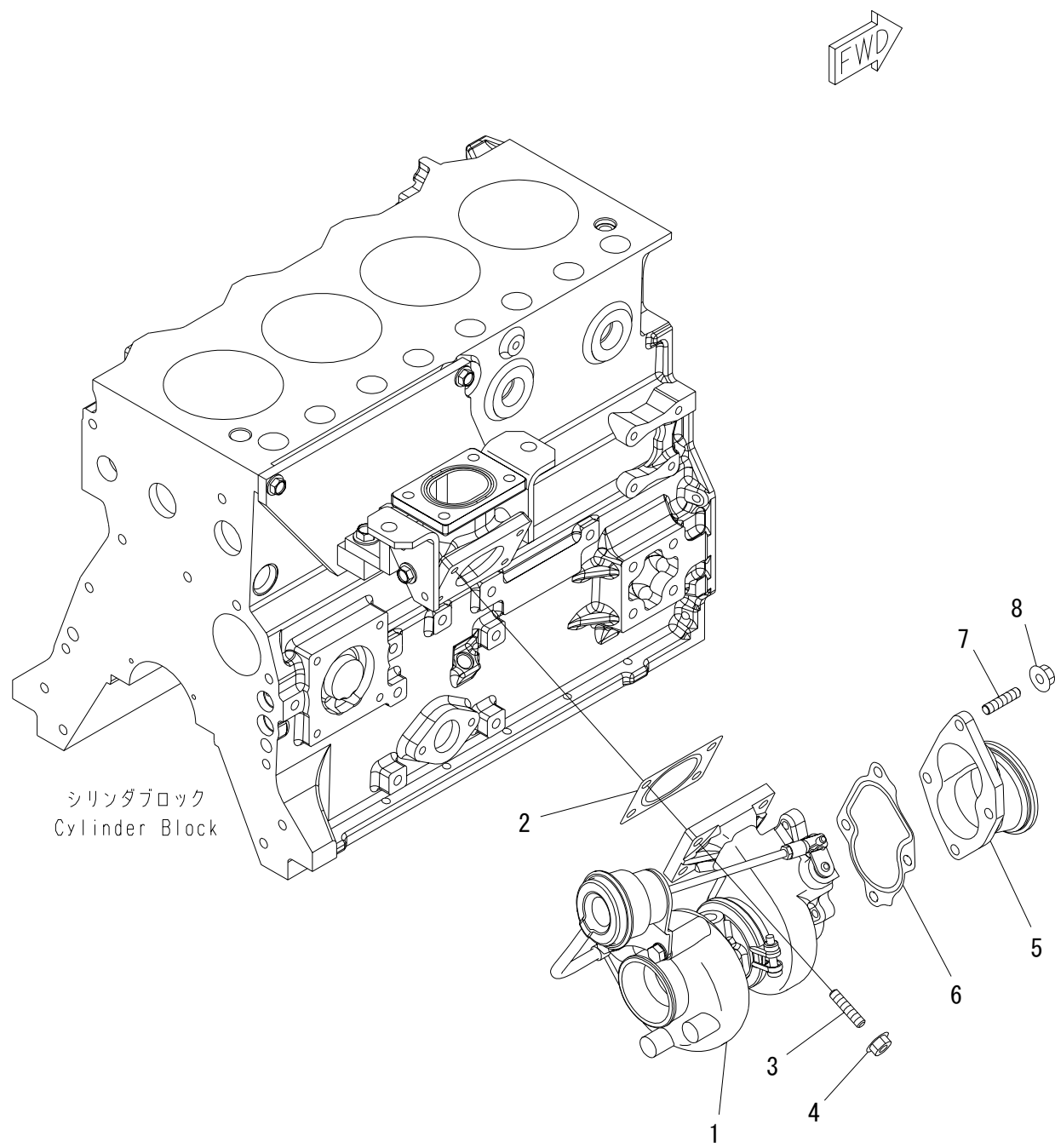


P 4 F 9 4 9 1

FIG NO. : A1510-A0G6

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6271-11-5110	MANIFOLD.....	1	128788-
2	07042-20108	PLUG.....	2	128788-
3	6271-11-5190	CONNECTOR.....	1	128788-
4	6205-11-5580	GASKET..... (K1).....	1	128788-
5	01124-60825	STUD.....	4	128788-
6	6201-11-5850	NUT.....	4	128788-
7	6205-11-5550	BRACKET.....	1	128788-
8	01435-00820	BOLT.....	3	128788-
9	6271-11-5520	BRACKET.....	1	128788-
10	01435-00820	BOLT.....	2	128788-
11	01435-01025	BOLT.....	2	128788-
12	6271-11-5530	BRACKET.....	1	128788-
13	6205-11-5560	BRACKET.....	1	128788-
14	01435-00816	BOLT.....	2	128788-
15	01435-01020	BOLT.....	2	128788-

FIG. A1530-A0E8 TURBOCHARGER

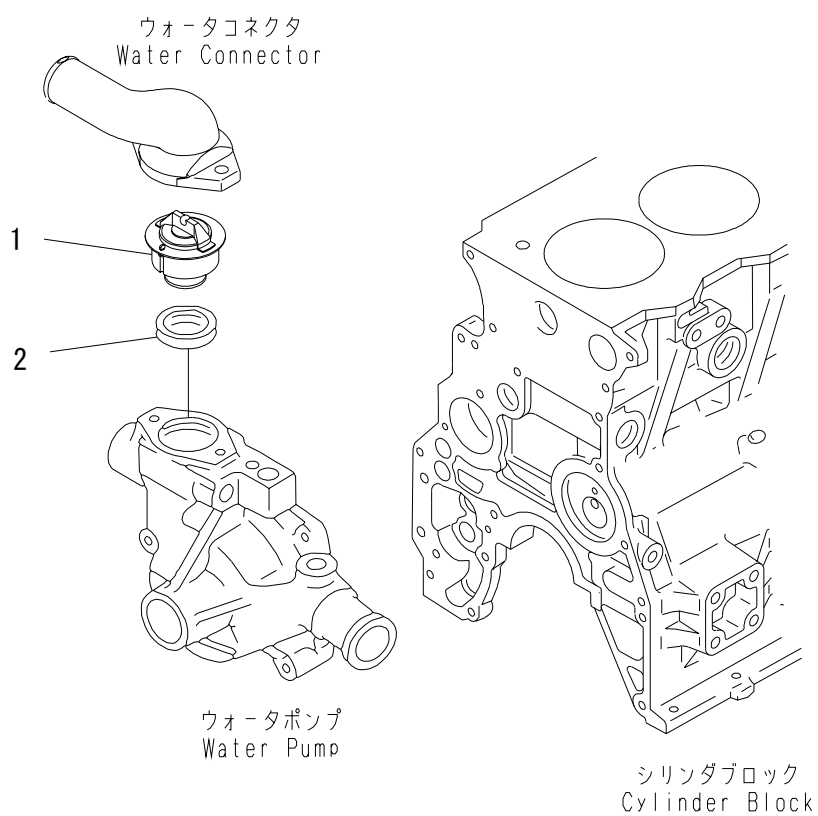


P 4 F 9 4 9 2

FIG NO. : A1530-A0E8

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6205-81-8160	TURBOCHARGER ASS' Y.....	1	128788-
2	6205-11-5580	GASKET..... (K1).....	1	128788-
3	6271-11-5820	STUD.....	4	128788-
4	6271-11-5810	NUT.....	4	128788-
5	6205-11-5670	CONNECTOR.....	1	128788-
6	6271-11-5850	GASKET..... (K1).....	1	128788-
7	01124-60825	STUD.....	4	128788-
8	6201-11-5850	NUT.....	4	128788-

FIG. A173R-01B1 THERMOSTAT

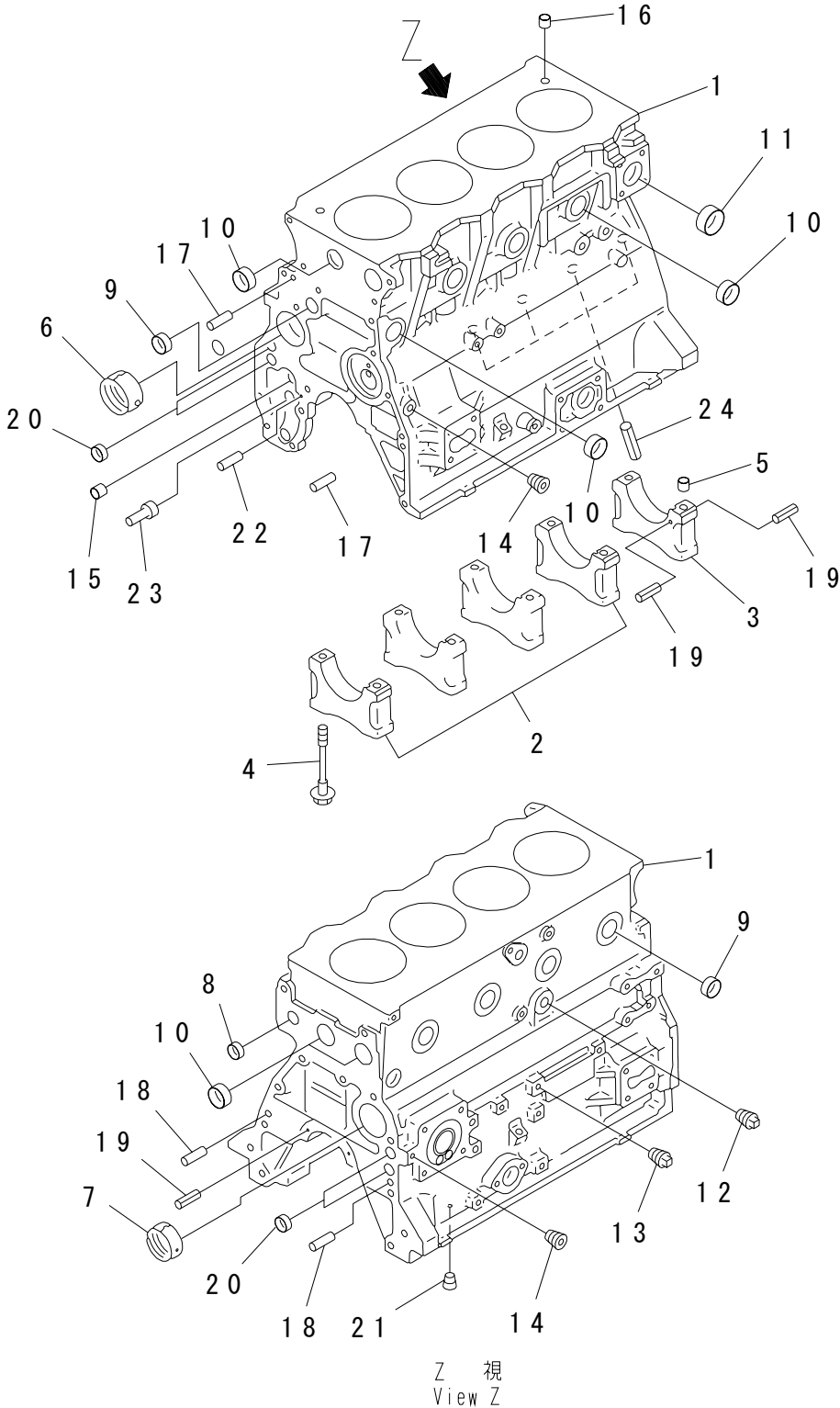


P 4 F 9 5 2 9

FIG NO. : A173R-01B1

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	600-421-6120	THERMOSTAT.....	1	128788-
2	6140-11-6331	GASKET..... (K1).....	1	128788-

FIG. A2010-A0P2 CYLINDER BLOCK

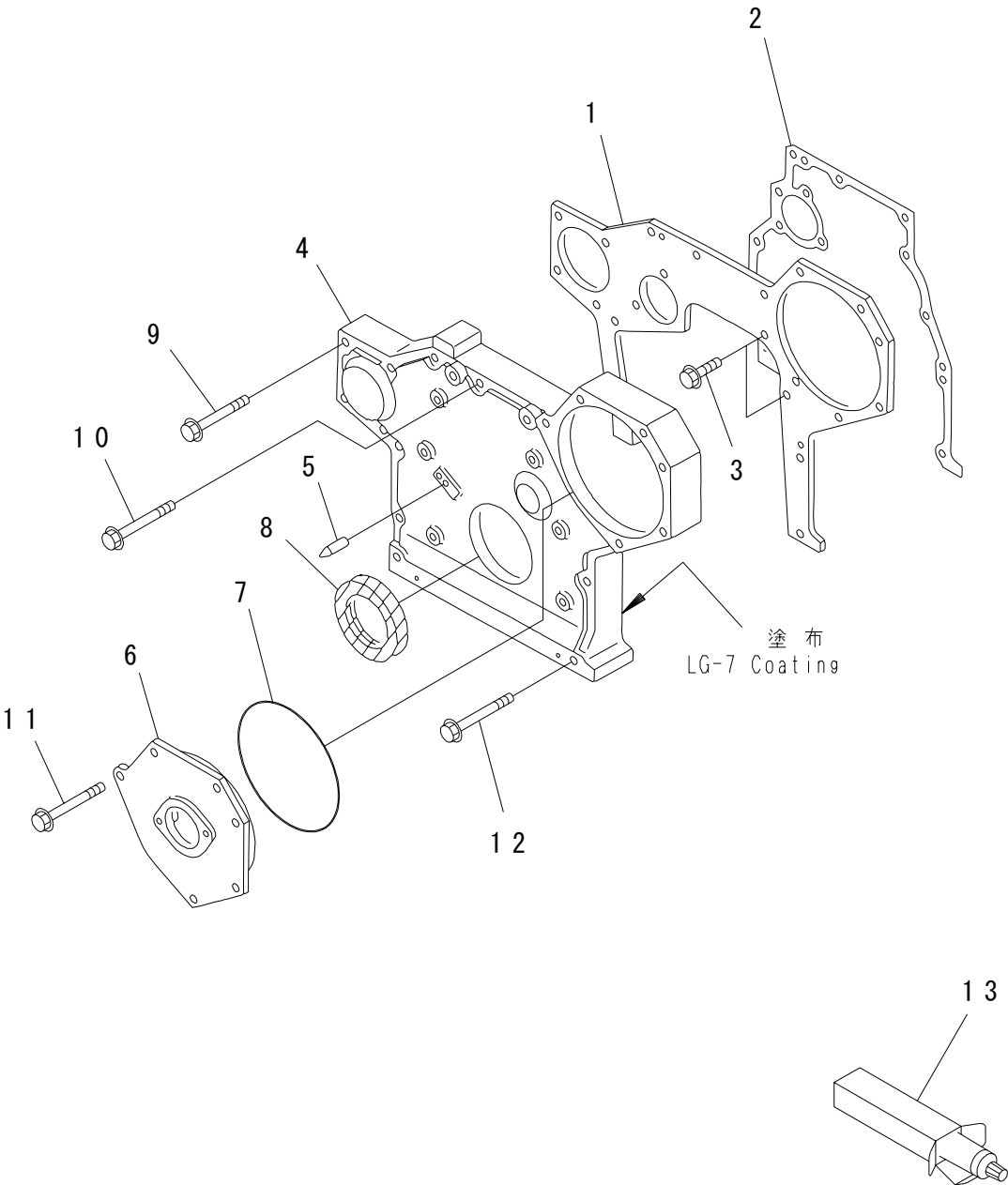


P 4 F 9 4 9 3

FIG NO. : A2010-A0P2

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
	6205-21-1504	CYLINDER BLOCK ASS' Y.	1	128788-
1	☆	. BLOCK, CYLINDER.	1	128788-
2	△6204-29-1210	. CAP, MAIN METAL, NO. 1, 2, 3, 4.	4	128788-
3	△6204-29-1220	. CAP, MAIN METAL, NO. 5.	1	128788-
4	6204-21-1610	. BOLT, MAIN CAP.	10	128788-
5	6141-21-1530	. BUSHING, DOWEL.	2	128788-
6	6206-21-1430	. BUSHING, CAMSHAFT.	1	128788-
7	6206-21-1420	. BUSHING, CAMSHAFT.	2	128788-
8	07046-42216	. PLUG.	1	128788-
9	07046-42516	. PLUG.	5	128788-
10	07046-43016	. PLUG.	7	128788-
11	07046-44016	. PLUG.	1	128788-
12	07042-70312	. PLUG.	1	128788-
13	07042-70108	. PLUG.	3	128788-
14	07043-70108	. PLUG.	2	128788-
15	6204-51-1711	. BUSHING.	1	128788-
16	6140-21-1130	. BUSHING.	2	128788-
17	04020-00820	. PIN.	2	128788-
18	04020-01228	. PIN.	2	128788-
19	04025-00408	. PIN.	6	128788-
20	07046-41810	. PLUG.	4	128788-
21	07043-70108	. PLUG.	1	128788-
22	6136-52-1620	. PIN.	1	128788-
23	6204-51-1620	. SHAFT.	1	128788-
24	6207-21-1190	. PIN.	4	128788-

FIG. A2040-A0H1 FRONT COVER

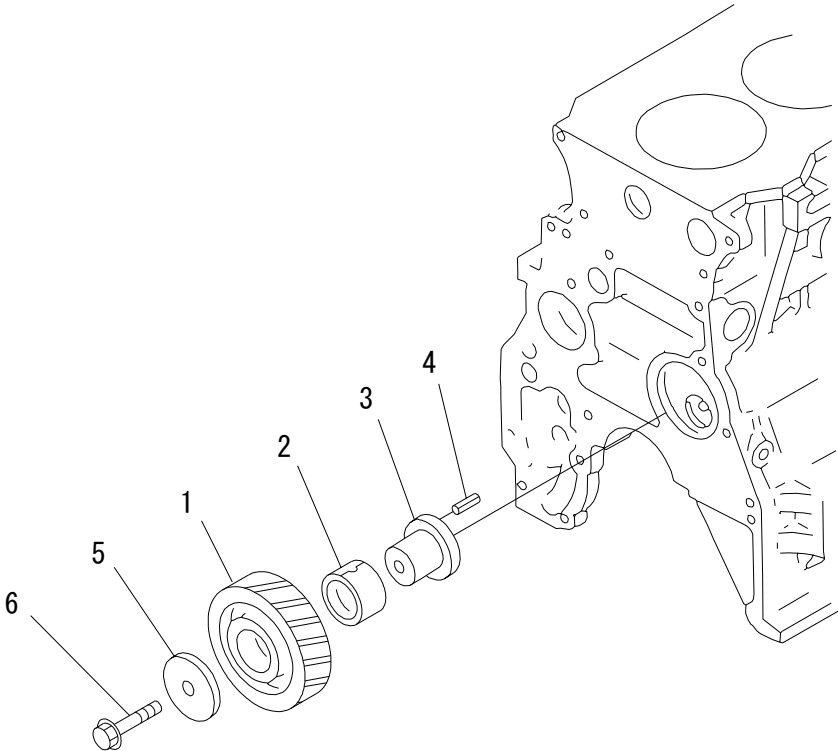


P 4 F 9 4 9 4

FIG NO. : A2040-A0H1

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6204-21-3240	PLATE, FRONT.....	1	128788-
2	6206-21-3840	GASKET..... (K2).....	1	128788-
3	01435-00816	BOLT.....	2	128788-
4	6204-21-3123	COVER, FRONT.....	1	128788-
5	6204-21-3850	POINTER.....	1	128788-
6	6204-21-3130	COVER.....	1	128788-
7	07000-02135	O-RING..... (K2).....	1	128788-
8	6204-21-3510	SEAL..... (K2).....	1	128788-
9	01435-00855	BOLT.....	5	128788-
10	01435-00860	BOLT.....	4	128788-
11	01435-00865	BOLT.....	6	128788-
12	01435-00870	BOLT.....	2	128788-
13	(09920-00150)	LIQUID GASKET, LG-7, 150G.....	AR	128788-

FIG. A2050-A0B3 IDLER GEAR

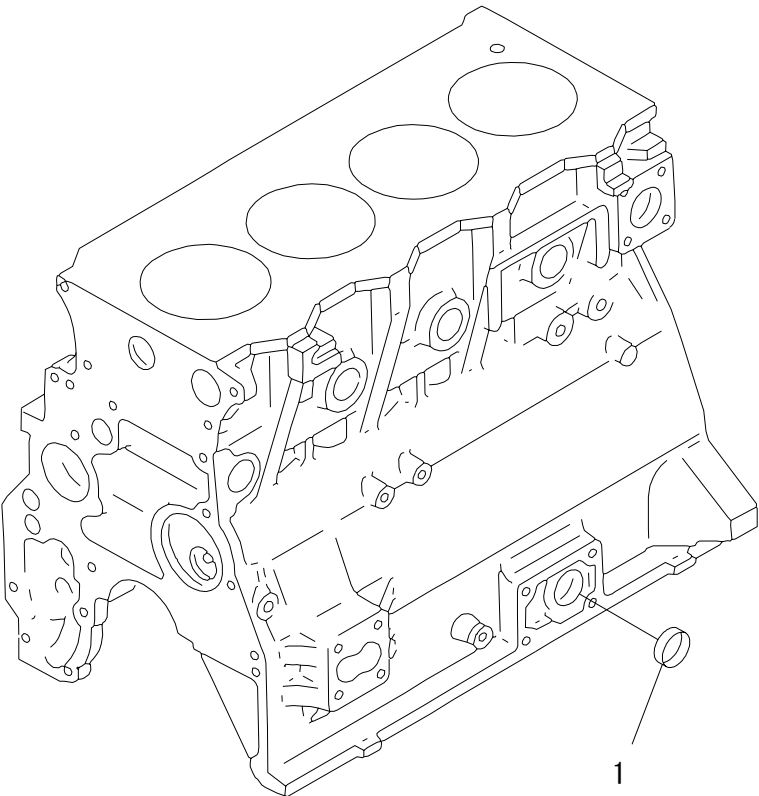


P 4 F 9 4 9 5

FIG NO. : A2050-A0B3

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
	6206-31-6301	IDLER GEAR ASS' Y.....	1	128788-
1	☆	. GEAR, IDLER.....	1	128788-
2	6204-31-6341	. BUSHING.....	1	128788-
3	6204-31-6331	SHAFT.....	1	128788-
4	04025-00512	PIN, SPRING.....	1	128788-
5	6204-31-6350	WASHER.....	1	128788-
6	01435-01270	BOLT.....	1	128788-

FIG. A2070-A0C2 BLIND PLUG



P 4 F 9 4 9 6

FIG NO. : A2070-A0C2

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	07046-23016	PLUG.....	1	128788-

FIG. A211P-01B3 OIL PAN

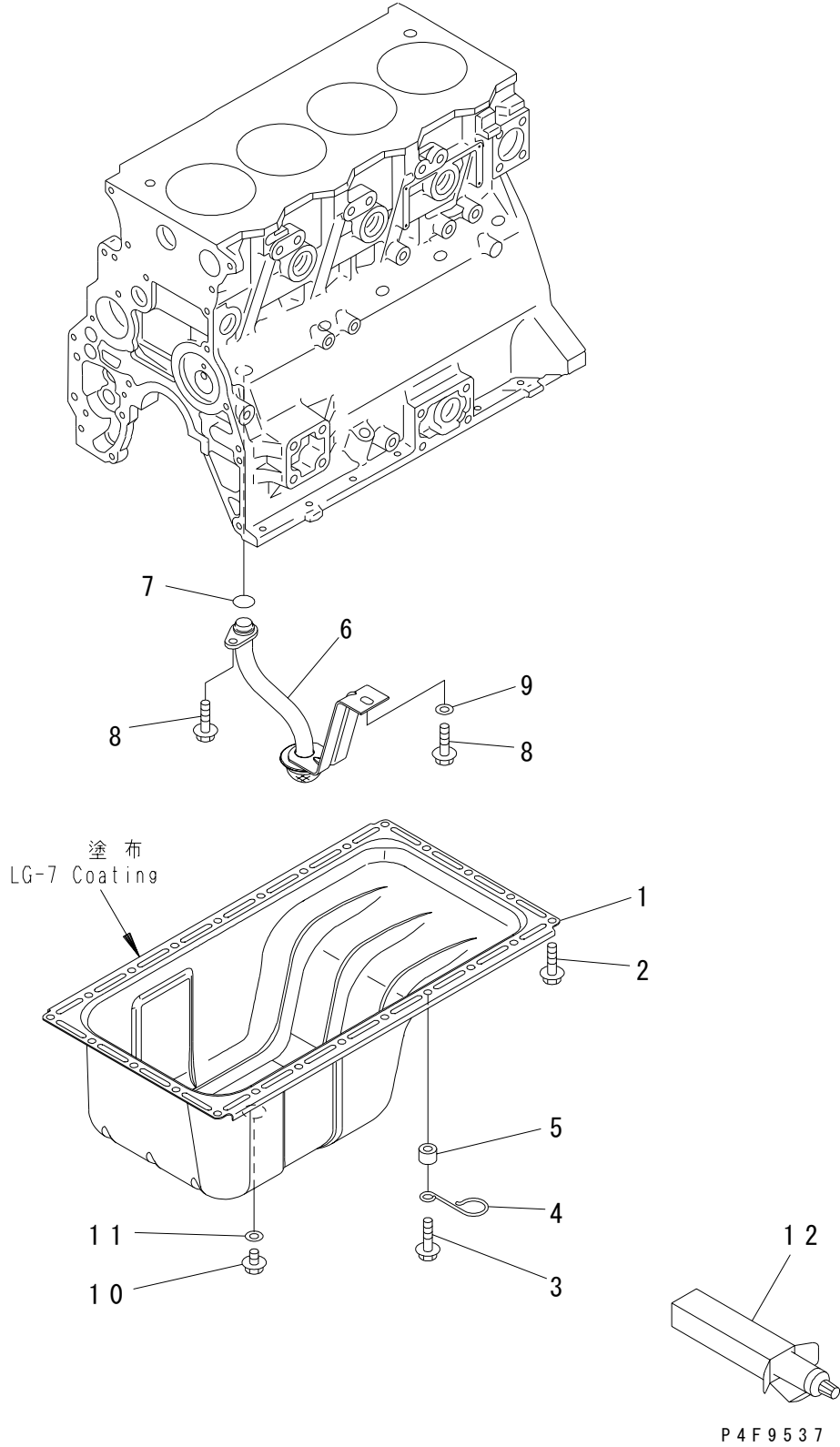
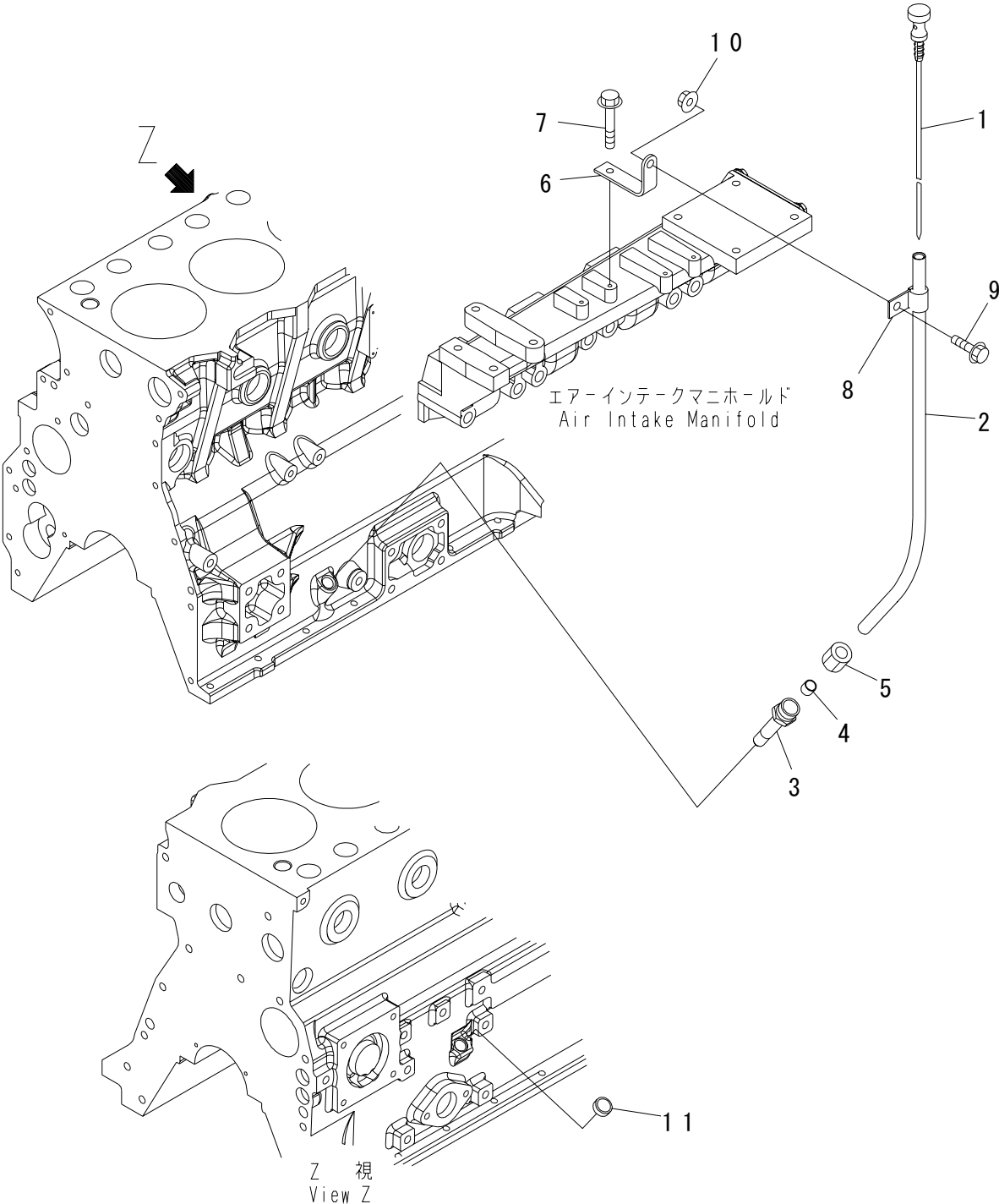


FIG NO. : A211P-01B3

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6205-21-5152	PAN, OIL.....	1	128788-
2	01435-00814	BOLT.....	23	128788-
3	01435-00825	BOLT.....	1	128788-
4	6130-22-5290	CLIP.....	1	128788-
5	6130-12-1961	SPACER.....	1	128788-
6	6205-51-6140	TUBE, SUCTION.....	1	128788-
7	6204-51-6122	O-RING..... (K2).....	1	128788-
8	01435-00816	BOLT.....	2	128788-
9	01643-30823	WASHER.....	1	128788-
10	6204-21-5180	PLUG.....	1	128788-
11	07005-02216	GASKET..... (K2).....	1	128788-
12	(09920-00150)	LIQUID GASKET, LG-7, 150G.....	AR	128788-

FIG. A2190-A0D2 OIL LEVEL GAUGE

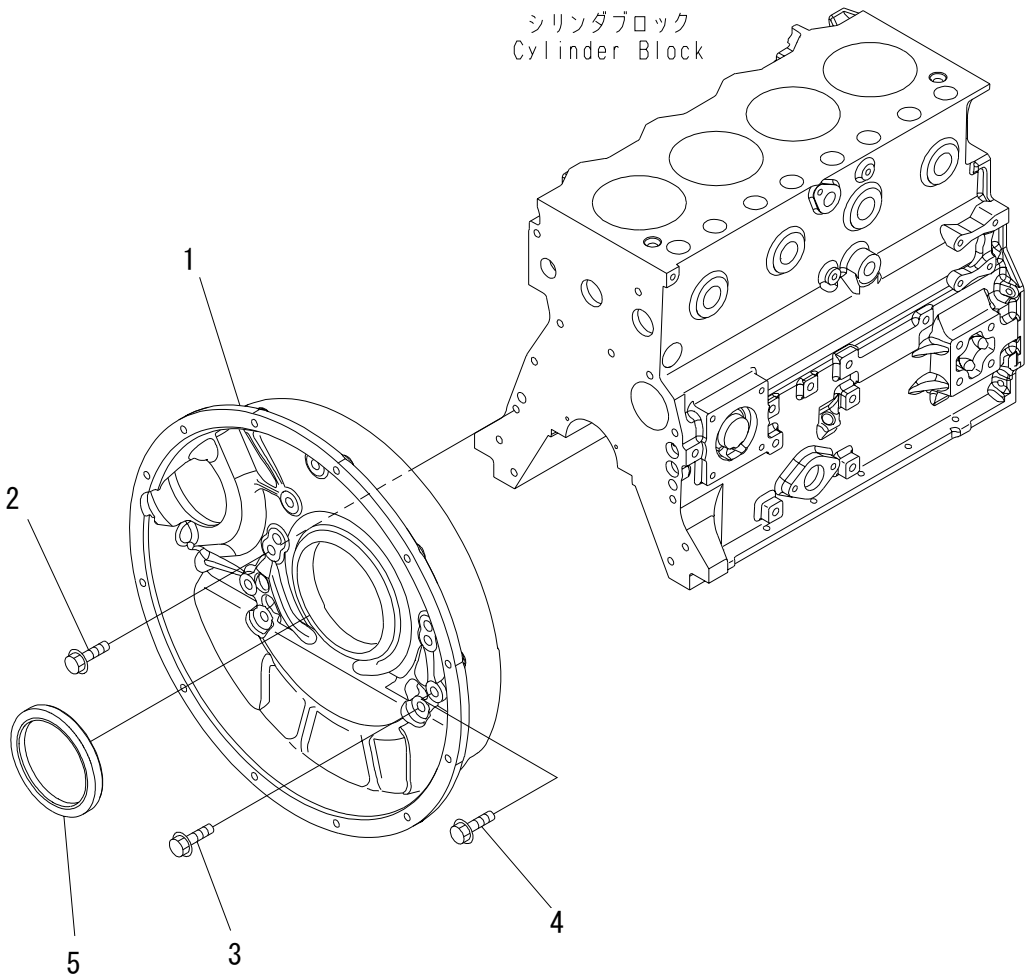


P 4 F 9 4 9 7

FIG NO. : A2190-A0D2

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6271-21-5340	GAUGE, OIL.....	1	128788-
2	6271-21-5430	GUIDE, OIL GAUGE.....	1	128788-
3	6204-21-5510	GUIDE, BASE.....	1	128788-
4	6150-21-5920	COLLAR.....	1	128788-
5	6150-21-5930	NUT.....	1	128788-
6	6138-71-5790	STAY.....	1	128788-
7	01435-00612	BOLT.....	1	128788-
8	04434-51208	CLIP.....	1	128788-
9	01435-00816	BOLT.....	1	128788-
10	01584-00806	NUT.....	1	128788-
11	07046-21210	PLUG.....	1	128788-

FIG. A221P-01B1 FLYWHEEL HOUSING

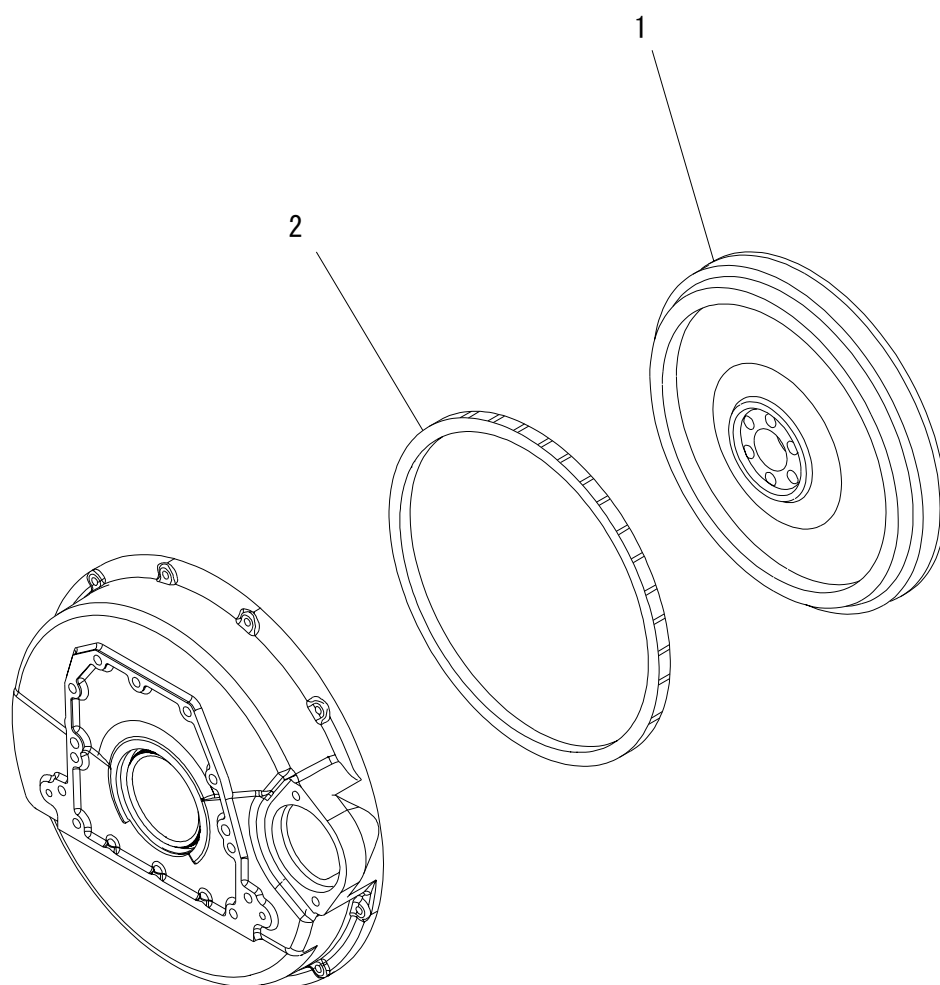


P 4 F 9 5 3 3

FIG NO. : A221P-01B1

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6271-21-4130	HOUSING.....	1	128788-
2	01435-01030	BOLT.....	7	128788-
3	01435-01035	BOLT.....	2	128788-
4	01435-01040	BOLT.....	2	128788-
5	6140-21-1341	SEAL..... (K2).....	1	128788-

FIG. A223P-01D9 FLYWHEEL



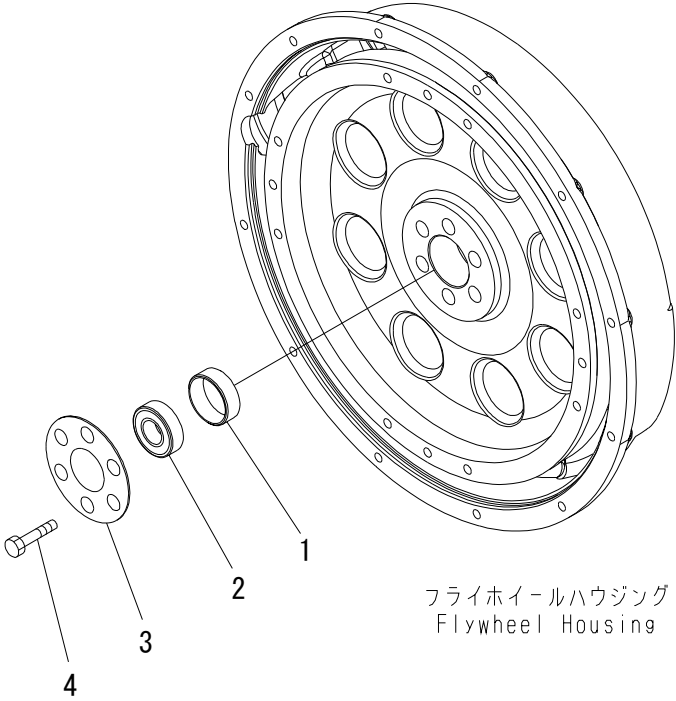
フライホイールハウジング
Flywheel Housing

P 4 F 9 5 3 5

FIG NO. : A223P-01D9

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
	6206-31-4133	FLYWHEEL ASS' Y.	1	128788-
1	6206-31-4142	. FLYWHEEL.	1	128788-
2	6206-31-4792	. GEAR, RING.	1	128788-

FIG. A223R-01A2 FLYWHEEL MOUNTING

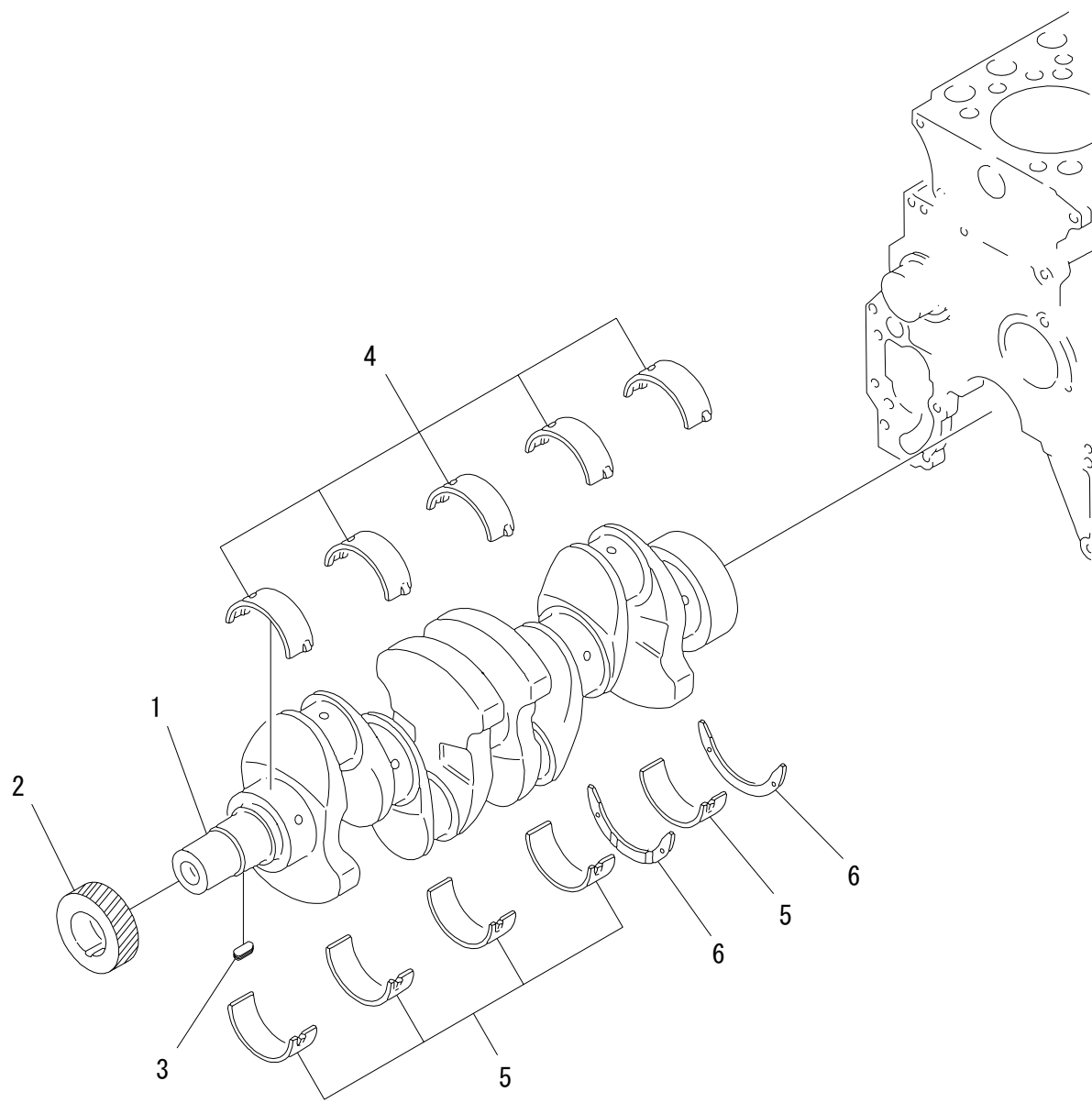


P 4 F 9 5 3 6

FIG NO. : A223R-01A2

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6206-31-4850	SPACER.	1	128788-
2	6734-31-4510	BEARING.	1	128788-
3	6204-31-4910	WASHER.	1	128788-
4	01050-31445	BOLT.	6	128788-

FIG. A2310-A0A2 CRANKSHAFT

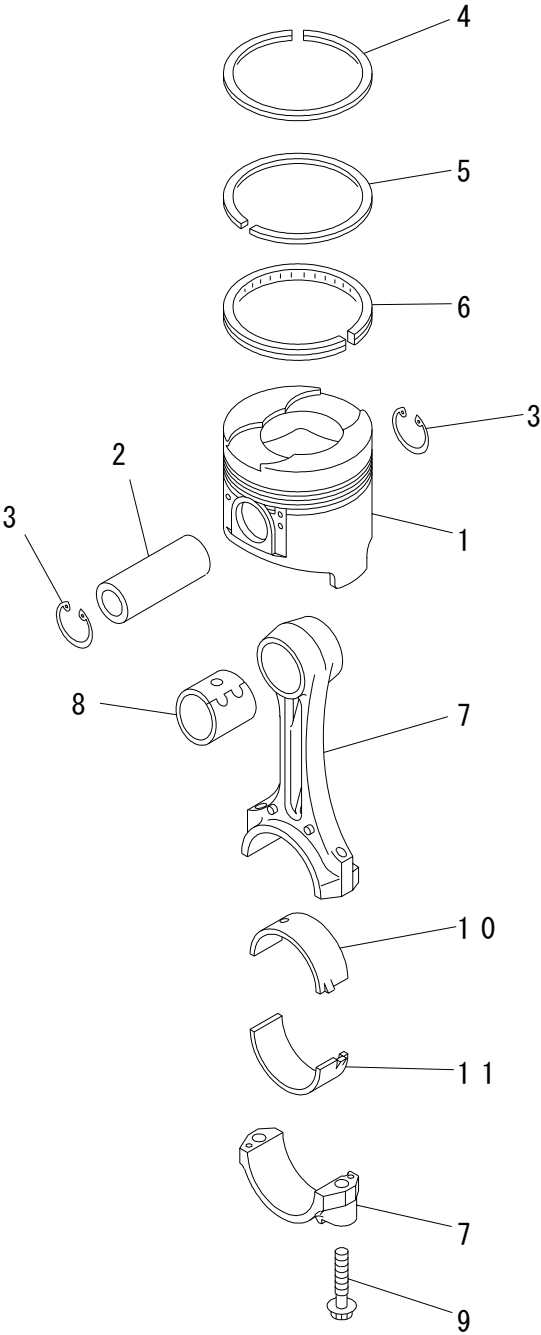


P 4 F 9 4 9 8

FIG NO. : A2310-A0A2

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6204-31-1201 ☆	CRANKSHAFT ASS' Y..... . CRANKSHAFT.....	1 1	128788- 128788-
2	6204-31-1220	. GEAR, CRANKSHAFT.....	1	128788-
3	6206-31-1530	. KEY..... STANDARD.....	1	128788-
4	6204-21-8100 ☆	MAIN METAL ASS' Y..... . METAL, UPPER.....	5 1	128788- 128788-
5	☆	. METAL, LOWER..... UNDERSIZE 0. 25MM.....	1	128788-
4	6204-29-8100 ☆	MAIN METAL ASS' Y..... . METAL, UPPER.....	5 1	128788- 128788-
5	☆	. METAL, LOWER..... UNDERSIZE 0. 50MM.....	1	128788-
4	6204-28-8100 ☆	MAIN METAL ASS' Y..... . METAL, UPPER.....	5 1	128788- 128788-
5	☆	. METAL, LOWER..... UNDERSIZE 0. 75MM.....	1	128788-
4	6204-27-8100 ☆	MAIN METAL ASS' Y..... . METAL, UPPER.....	5 1	128788- 128788-
5	☆	. METAL, LOWER..... UNDERSIZE 1. 00MM.....	1	128788-
4	6204-26-8100 ☆	MAIN METAL ASS' Y..... . METAL, UPPER.....	5 1	128788- 128788-
5	☆	. METAL, LOWER..... STANDARD.....	1	128788-
6	6204-21-8500 ☆	THRUST METAL ASS' Y..... . METAL.....	1 3	128788- 128788-
6	6204-29-8500 ☆	OVERSIZE 0. 25MM..... THRUST METAL ASS' Y.....	1	128788-
6	6204-28-8500 ☆	. METAL..... OVERSIZE 0. 50MM.....	3	128788-
6	6204-27-8500 ☆	THRUST METAL ASS' Y..... . METAL.....	1 3	128788- 128788-
6	6204-26-8500 ☆	OVERSIZE 0. 75MM..... THRUST METAL ASS' Y.....	1	128788-
		. METAL..... OVERSIZE 1. 00MM.....	3	128788-
		THRUST METAL ASS' Y..... . METAL.....	1 3	128788- 128788-

FIG. A2350-A0A3 PISTON

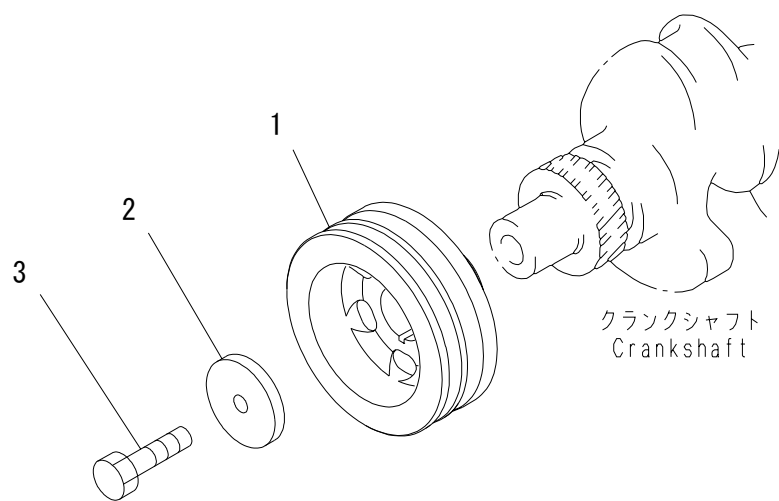


P 4 F 9 4 9 9

FIG NO. : A2350-A0A3

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6205-31-2190	STANDARD.	4	128788-
		PISTON.		
		OVERSIZE 0. 25MM.		
1	6205-39-2190	PISTON.	4	128788-
		OVERSIZE 0. 50MM.		
1	6205-38-2190	PISTON.	4	128788-
2	6204-31-2410	PIN, PISTON.	4	128788-
3	04065-03012	RING, SNAP.	8	128788-
		STANDARD.		
	6205-31-2300	PISTON RING ASS' Y, PER CYLINDER.	4	128788-
4	☆	. RING, TOP.	1	128788-
5	☆	. RING, SECOND.	1	128788-
6	☆	. RING, OIL.	1	128788-
		OVERSIZE 0. 25MM.		
	6205-39-2300	PISTON RING ASS' Y, PER CYLINDER.	4	128788-
4	☆	RING, TOP.	1	128788-
5	☆	RING, SECOND.	1	128788-
6	☆	RING, OIL.	1	128788-
		OVERSIZE 0. 50MM.		
	6205-38-2300	PISTON RING ASS' Y, PER CYLINDER.	4	128788-
4	☆	RING, TOP.	1	128788-
5	☆	RING, SECOND.	1	128788-
6	☆	RING, OIL.	1	128788-
	6204-31-3200	CONNECTING ROD ASS' Y.	4	128788-
7	☆	. ROD, CONNECTING.	1	128788-
8	6204-31-3130	. BUSHING.	1	128788-
9	6204-31-3310	. BOLT.	2	128788-
		STANDARD.		
	6204-31-3700	METAL ASS' Y.	4	128788-
10	☆	. METAL.	1	128788-
11	☆	. METAL.	1	128788-
		UNDERSIZE 0. 25MM.		
	6207-39-3900	CRANK PIN METAL A.	4	128788-
10	☆	. METAL.	1	128788-
11	☆	. METAL.	1	128788-
		UNDERSIZE 0. 50MM.		
	6207-38-3900	CRANK PIN METAL A.	4	128788-
10	☆	. METAL.	1	128788-
11	☆	. METAL.	1	128788-
		UNDERSIZE 0. 75MM.		
	6207-37-3900	CRANK PIN METAL A.	4	128788-
10	☆	. METAL.	1	128788-
11	☆	. METAL.	1	128788-
		UNDERSIZE 1. 00MM.		
	6207-36-3900	CRANK PIN METAL A.	4	128788-
10	☆	. METAL.	1	128788-
11	☆	. METAL.	1	128788-

FIG. A2370-A0F8 CRANK PULLEY (NON HARDENING)

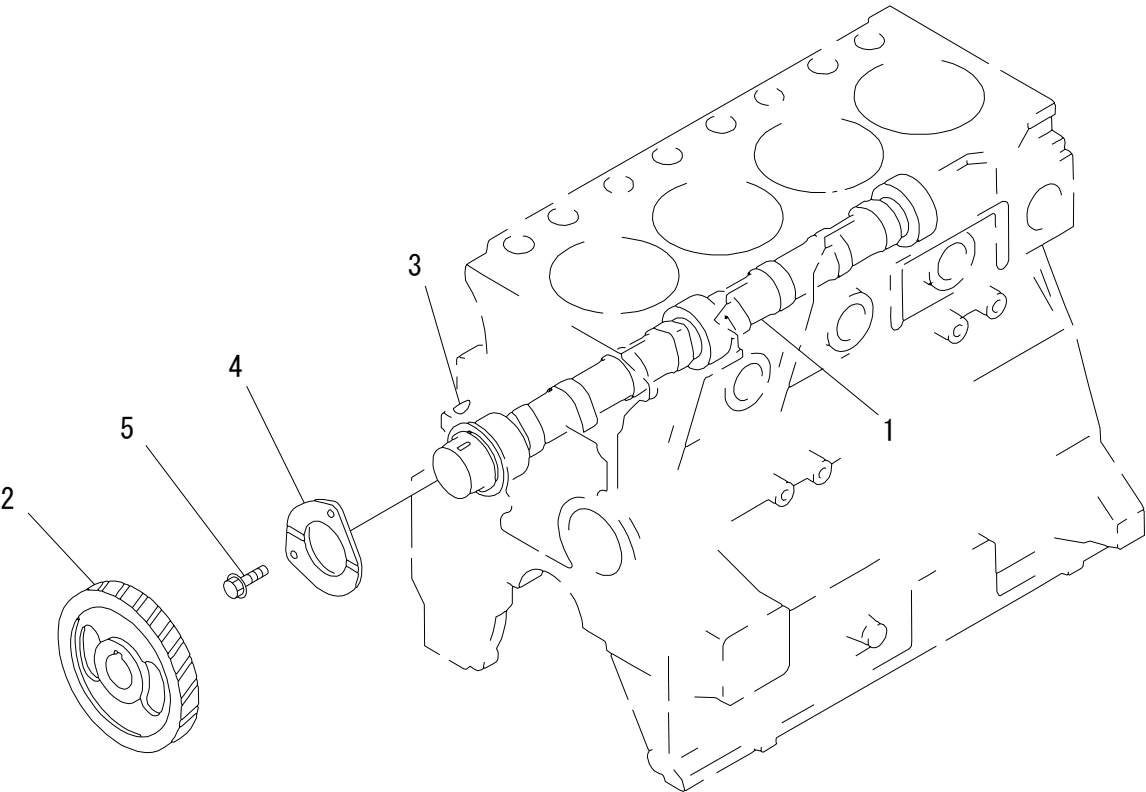


P 4 F 9 5 0 0

FIG NO. : A2370-A0F8

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6204-33-1510	PULLEY, NON HARDENING.	1	128788-
2	6136-31-1431	PLATE.	1	128788-
3	01050-31845	BOLT.	1	128788-

FIG. A2410-A0B8 CAMSHAFT AND GEAR

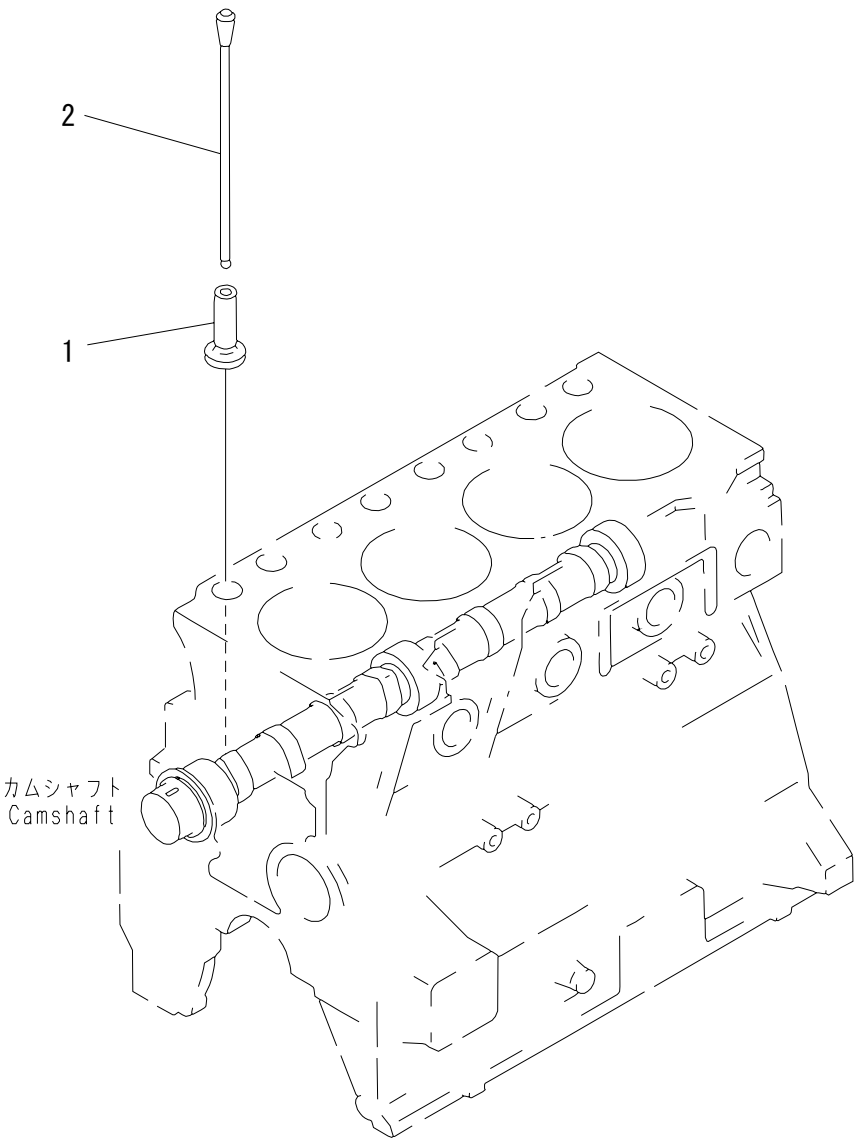


P 4 F 9 5 0 1

FIG NO. : A2410-A0B8

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
	6205-41-1500	CAMSHAFT ASS' Y.....	1	128788-
1	☆	. CAMSHAFT.....	1	128788-
2	6204-41-1221	. GEAR, CAMSHAFT.....	1	128788-
3	04010-00516	. KEY.....	1	128788-
4	6204-41-1131	. PLATE, THRUST.....	1	128788-
5	01435-00820	BOLT.....	2	128788-

FIG. A2430-A0A1 TAPPET

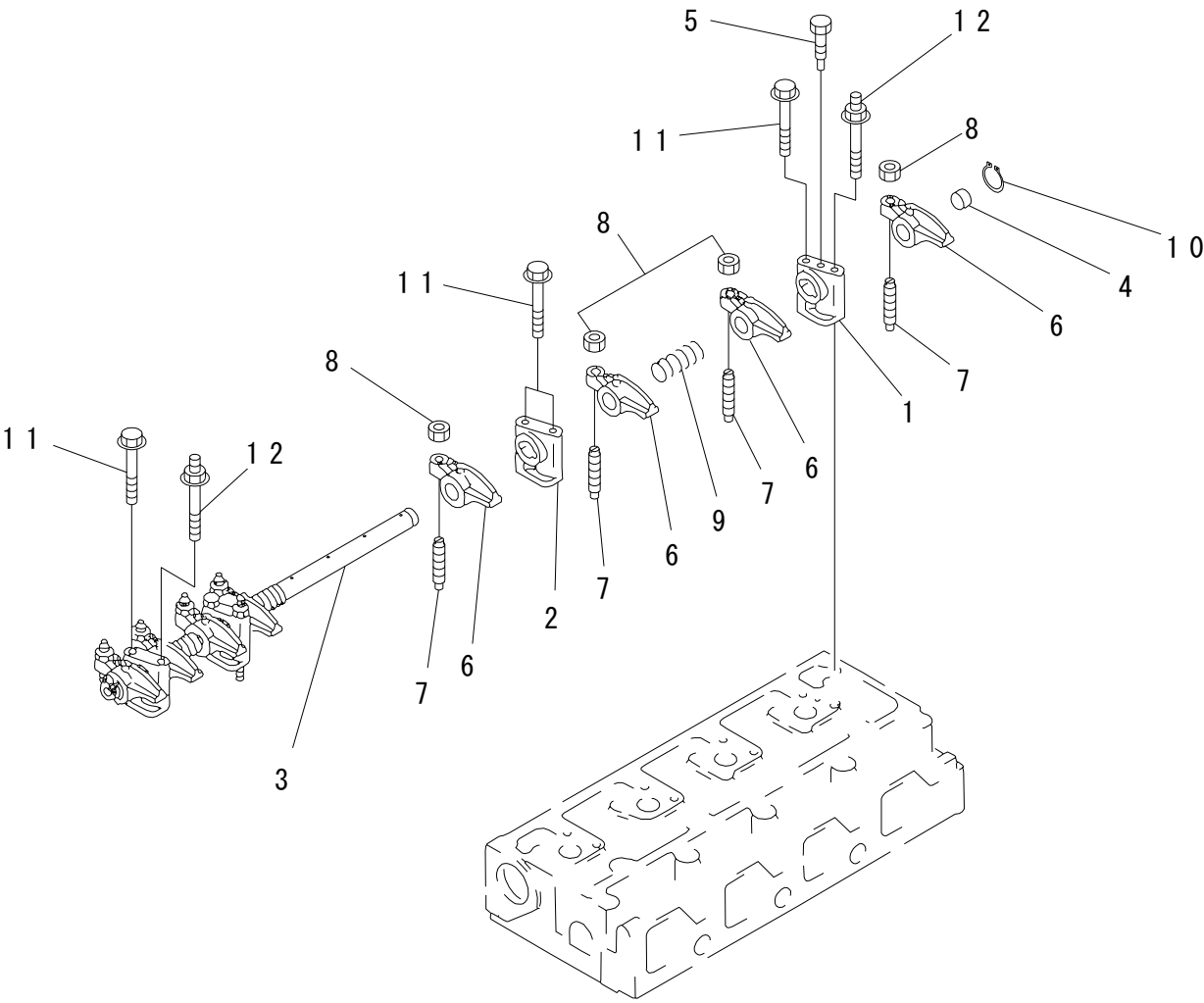


P 4 F 9 5 0 2

FIG NO. : A2430-A0A1

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6204-41-2110	TAPPET.....	8	128788-
2	6204-41-3110	ROD, PUSH.	8	128788-

FIG. A2450-A0A1 ROCKER ARM

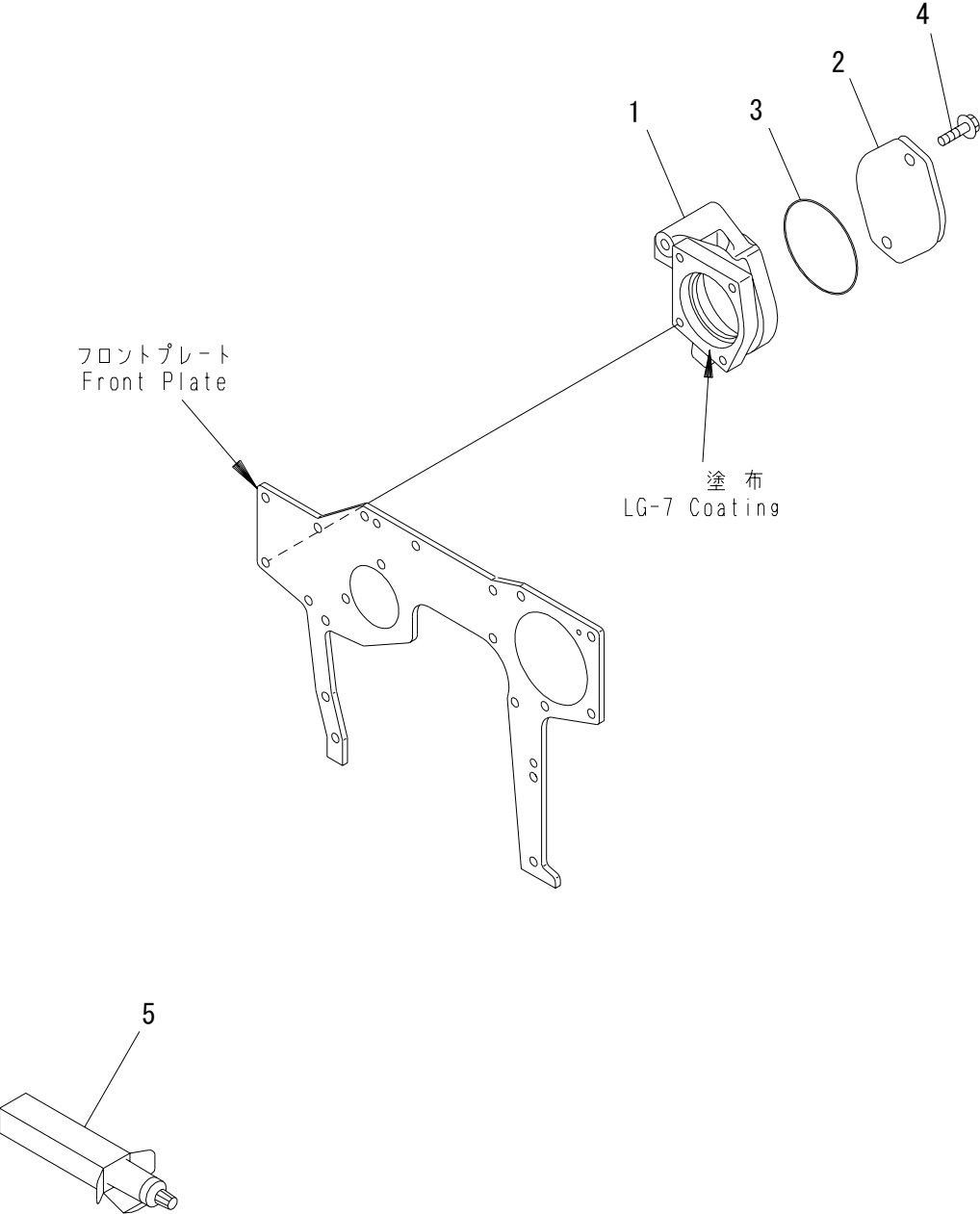


P 4 F 9 5 0 3

FIG NO. : A2450-A0A1

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6204-41-5110	BRACKET, ROCKER.	1	128788-
2	6204-41-5120	BRACKET, ROCKER.	3	128788-
	6205-43-5500	SHAFT ASS' Y.	1	128788-
3	☆	. SHAFT, ROCKER.	1	128788-
4	6221-41-5540	. PLUG.	2	128788-
5	6205-43-5310	BOLT.	1	128788-
6	6205-43-5410	ARM, ROCKER.	8	128788-
7	6221-41-5410	SCREW.	8	128788-
8	6221-41-5420	NUT.	8	128788-
9	6202-43-5320	SPRING.	3	128788-
10	6204-41-5620	CLIP.	2	128788-
11	01435-00865	BOLT.	5	128788-
12	6204-41-5710	BOLT.	3	128788-

FIG. A2610-A0D2 FRONT POWER TAKE OFF

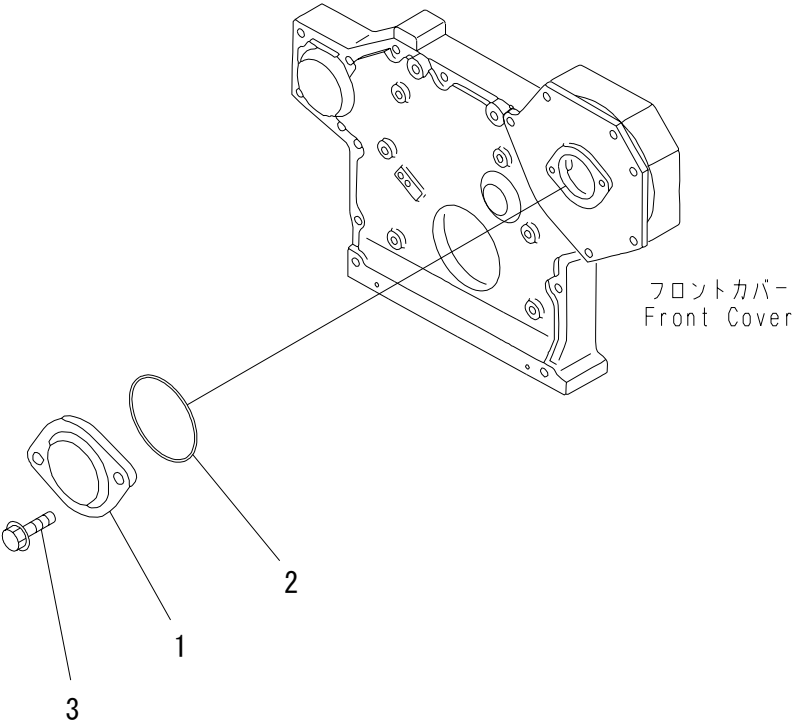


P 4 F 9 5 0 4

FIG NO. : A2610-A0D2

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6204-21-9160	HOUSING.....	1	128788-
2	6144-21-9812	PLATE.....	1	128788-
3	07000-02085	O-RING..... (K1).....	1	128788-
4	01435-01020	BOLT.....	2	128788-
5	(09920-00150)	LIQUID GASKET, LG-7, 150G.....	AR	128788-

FIG. A2810-A0A5 TACHO DRIVE COVER

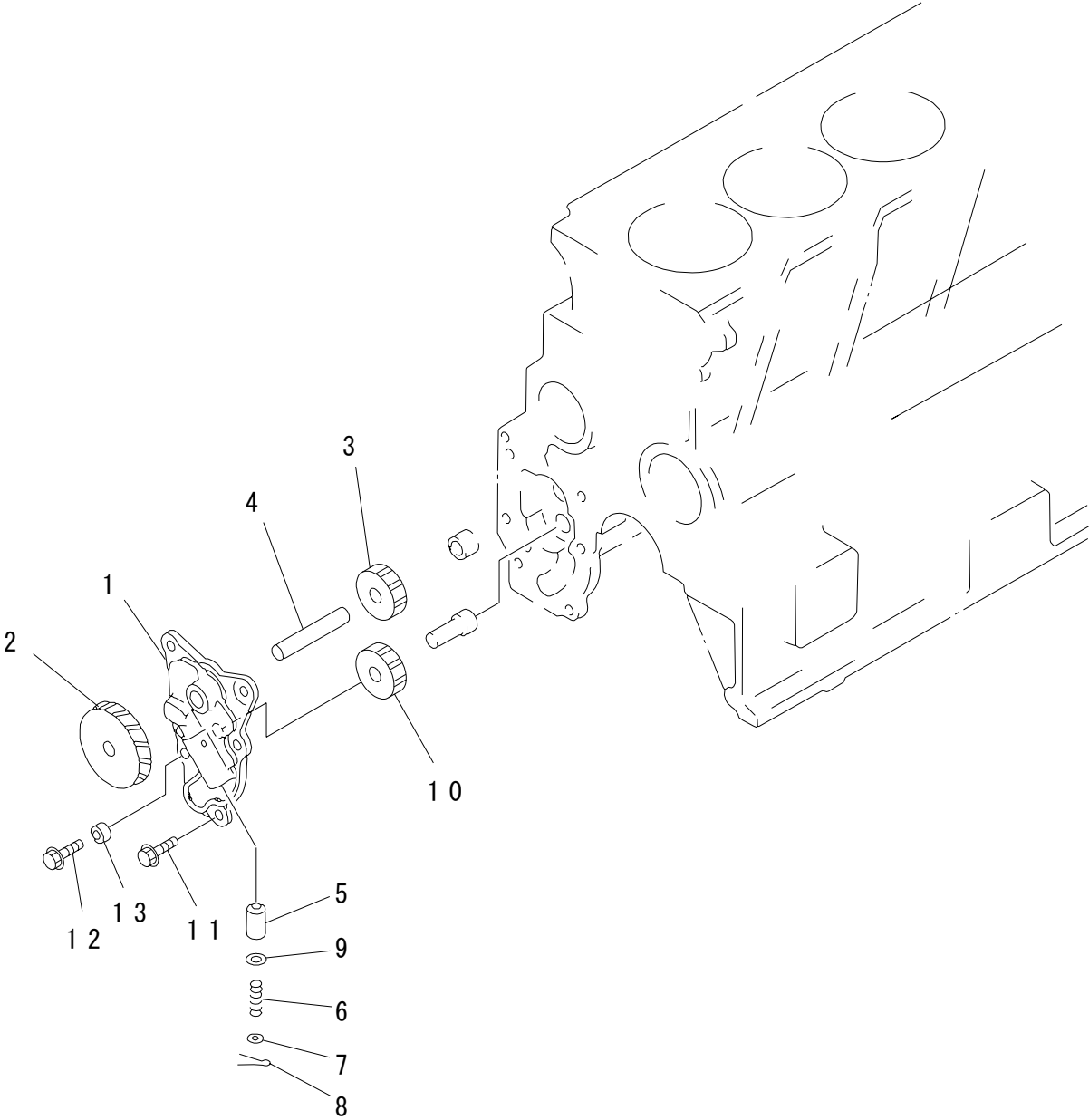


P 4 F 9 5 0 5

FIG NO. : A2810-A0A5

[illegible]

FIG. A3010-A0A1 OIL PUMP

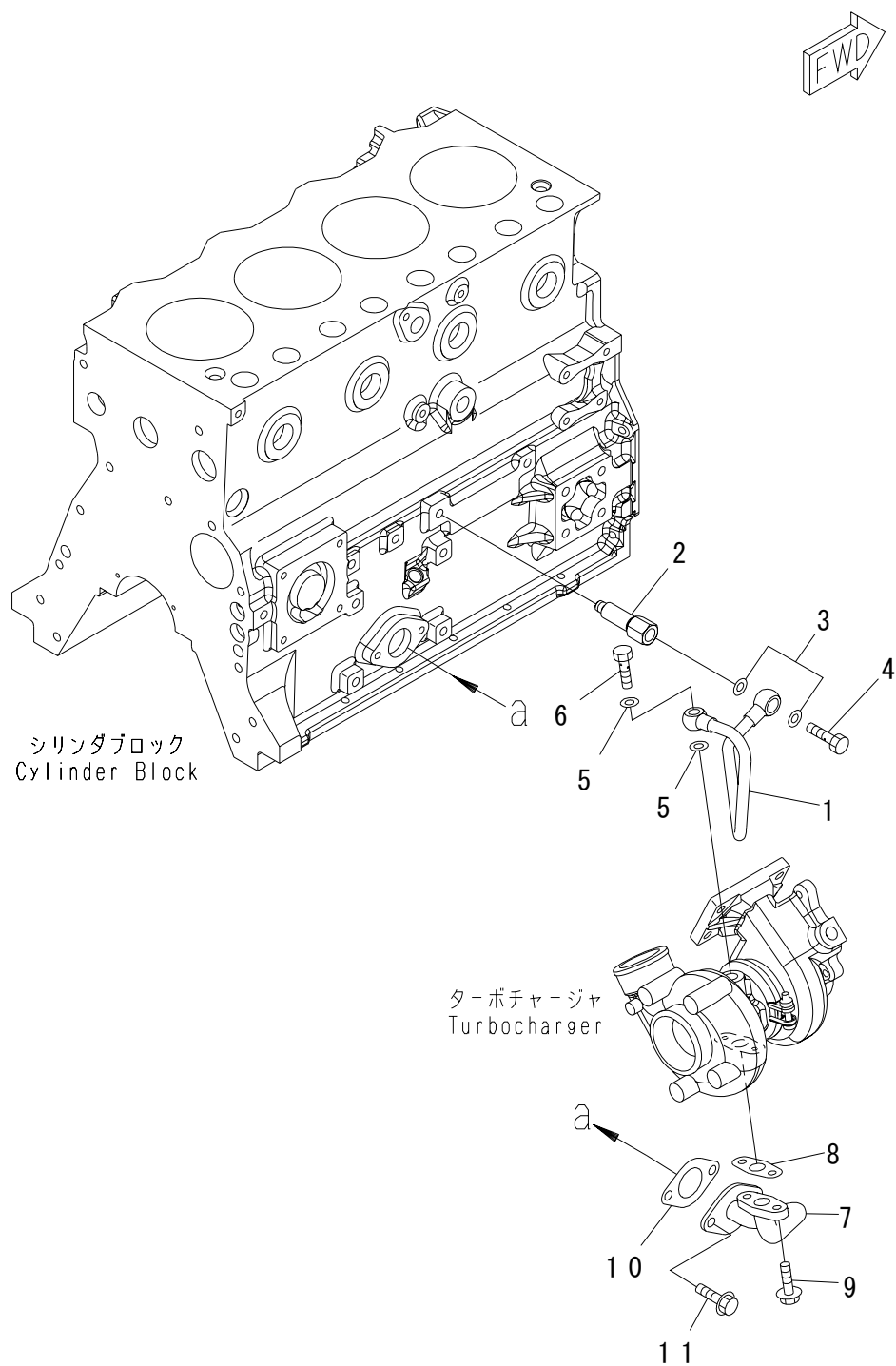


P 4 F 9 5 0 6

FIG NO. : A3010-A0A1

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
	6207-51-1201	COVER ASS' Y.	1	128788-
1	☆	. COVER.	1	128788-
2	6204-51-1510	. GEAR.	1	128788-
	6207-51-1400	. SHAFT ASS' Y.	1	128788-
3	6204-51-1410	. . GEAR, DRIVE.	1	128788-
4	☆	. . SHAFT.	1	128788-
5	6204-51-1310	. VALVE.	1	128788-
6	6204-51-1320	. SPRING.	1	128788-
7	6204-51-1330	. WASHER.	1	128788-
8	6204-51-1340	. PIN, COTTER.	1	128788-
9	6204-51-1910	. SHIM.	1	128788-
10	6207-51-1610	GEAR, DRIVEN.	1	128788-
11	01435-00816	BOLT.	4	128788-
12	01435-00825	BOLT.	1	128788-
13	6691-41-8230	SPACER.	1	128788-

FIG. A3030-A0A6 TURBOCHARGER LUBRICATING OIL PIPING

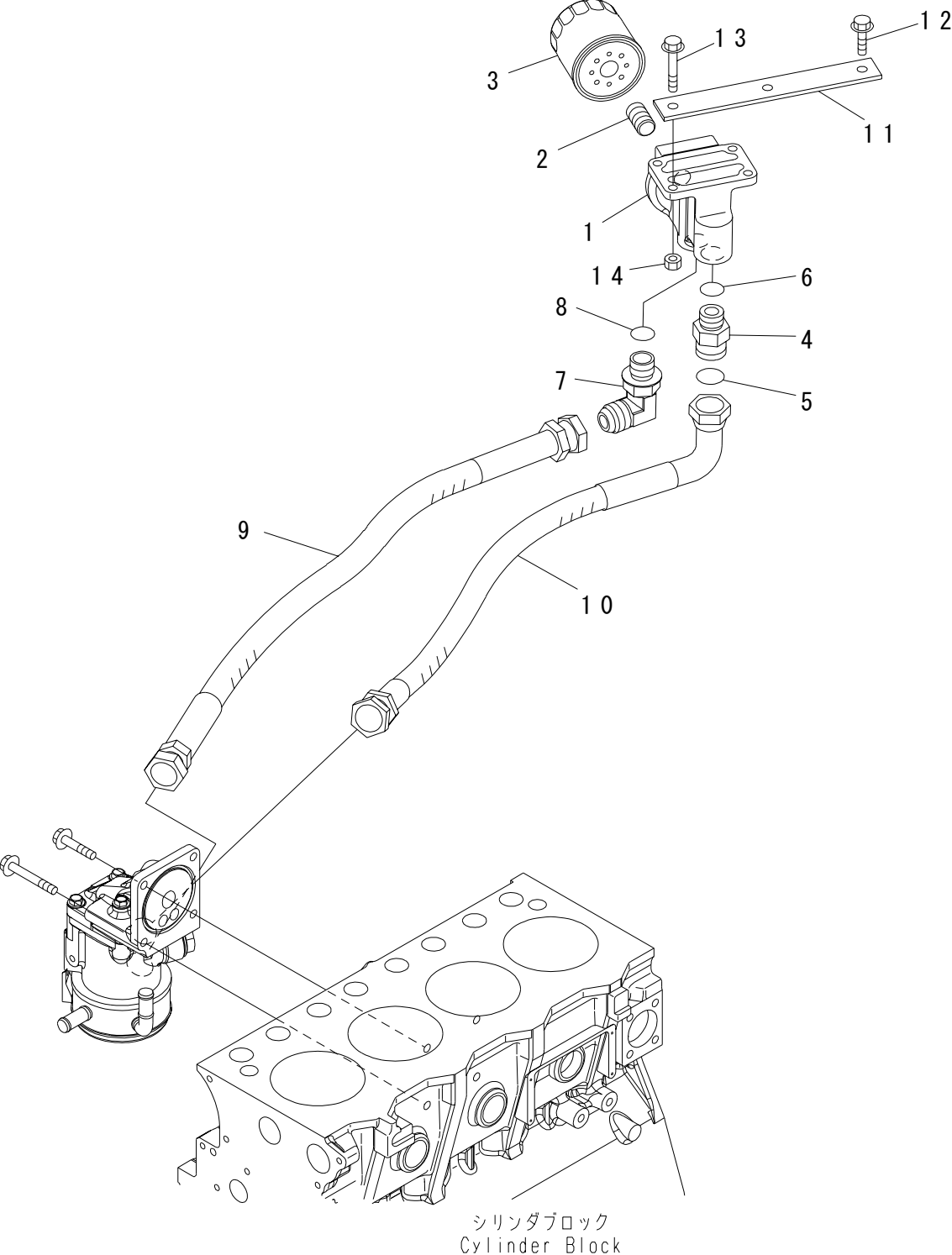


P4F9507

FIG NO. : A3030-A0A6

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6205-51-8660	TUBE.....	1	128788-
2	6205-51-8240	NIPPLE.....	1	128788-
3	07005-01412	GASKET..... (K1, K2)...	2	128788-
4	07206-31014	BOLT.....	1	128788-
5	07003-01015	GASKET..... (K1, K2)...	2	128788-
6	6205-51-8251	BOLT.....	1	128788-
7	6271-51-8470	TUBE.....	1	128788-
8	6205-51-7611	GASKET..... (K1, K2)...	1	128788-
9	01435-00616	BOLT.....	2	128788-
10	6204-21-6820	GASKET..... (K1, K2)...	1	128788-
11	01435-00814	BOLT.....	2	128788-

FIG. A311P-01B3 OIL FILTER

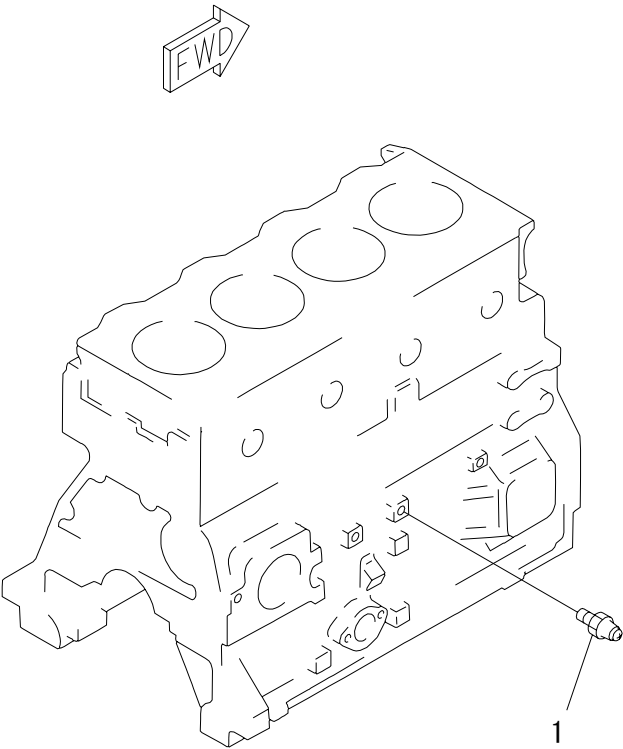


P 4 F 9 5 4 5

FIG NO. : A311P-01B3

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6208-51-5210	HEAD.....	1	128788-
2	6201-51-5910	NIPPLE.....	1	128788-
3	600-211-2110	CARTRIDGE.....	1	128788-
4	02781-00628	UNION.....	1	128788-
5	02896-61018	O-RING..... (K2).....	1	128788-
6	07002-62434	O-RING..... (K2).....	1	128788-
7	07235-10628	ELBOW.....	1	128788-
8	07002-62434	O-RING..... (K2).....	1	128788-
9	07102-206A5	HOSE.....	1	128788-
10	02763-006A4	HOSE.....	1	128788-
11	575-54-51340	HOSE.....	1	128788-
12	01435-00816	BOLT.....	1	128788-
13	01435-00830	BOLT.....	1	128788-
14	01584-00806	NUT.....	1	128788-

FIG. A3190-A0A1 OIL PRESSURE SWITCH

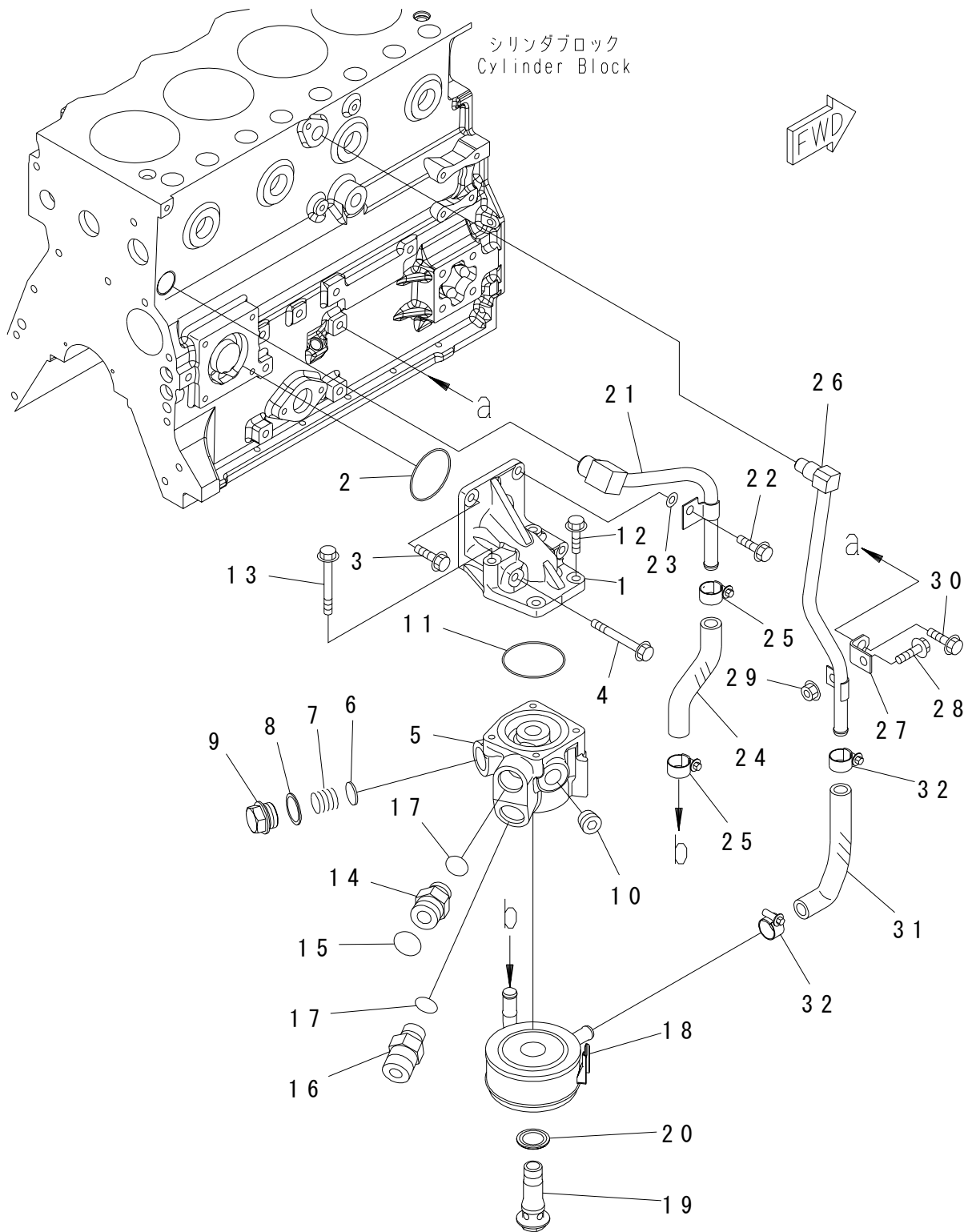


P 4 F 9 5 0 8

FIG NO. : A3190-A0A1

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	08073-20505	SWITCH, OIL PRESSURE.	1	128788-

FIG. A3310-A0C2 OIL COOLER

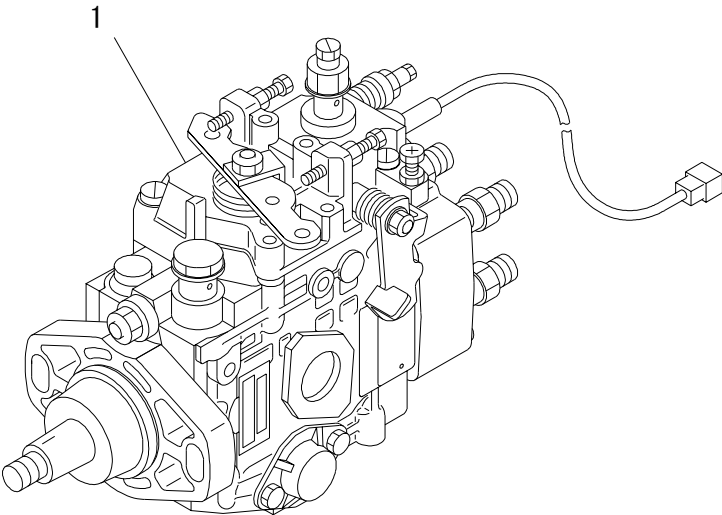


P4F9509

FIG NO. : A3310-A0C2

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6271-51-5410	ADAPTER.....	1	128788-
2	07000-72070	O-RING..... (K2).....	1	128788-
3	01435-00820	BOLT.....	1	128788-
4	01435-00885	BOLT.....	2	128788-
	6271-51-5420	ADAPTER ASS' Y.....	1	128788-
5	6271-51-5430	. ADAPTER.....	1	128788-
6	6162-53-5450	. PACKING.....	1	128788-
7	600-211-1870	. SPRING.....	1	128788-
8	6162-53-5430	. PACKING..... (K2).....	1	128788-
9	6162-53-5420	. CAP.....	1	128788-
10	07043-70415	. PLUG.....	1	128788-
11	07000-72070	O-RING..... (K2).....	1	128788-
12	01435-00825	BOLT.....	2	128788-
13	01435-00855	BOLT.....	2	128788-
14	02781-00628	UNION.....	1	128788-
15	02896-61018	O-RING..... (K2).....	1	128788-
16	07230-20628	UNION.....	1	128788-
17	07002-62434	O-RING..... (K2).....	2	128788-
18	6271-61-5100	OIL COOLER ASS' Y.....	1	128788-
	6205-61-5420	. O-RING..... (K2).....	1	128788-
19	6208-61-5410	JOINT.....	1	128788-
20	6208-61-5420	GASKET..... (K2).....	1	128788-
21	6205-61-5310	TUBE.....	1	128788-
22	01435-00825	BOLT.....	1	128788-
23	01643-30823	WASHER.....	1	128788-
24	6271-61-5230	HOSE.....	1	128788-
25	07281-00259	CLAMP.....	2	128788-
26	6271-61-5220	TUBE.....	1	128788-
27	6207-51-8180	BRACKET.....	1	128788-
28	01435-00814	BOLT.....	1	128788-
29	01584-00806	NUT.....	1	128788-
30	01435-01016	BOLT.....	1	128788-
31	6271-61-5240	HOSE.....	1	128788-
32	07281-00259	CLAMP.....	2	128788-

FIG. A4010-A0Z1 FUEL INJECTION PUMP

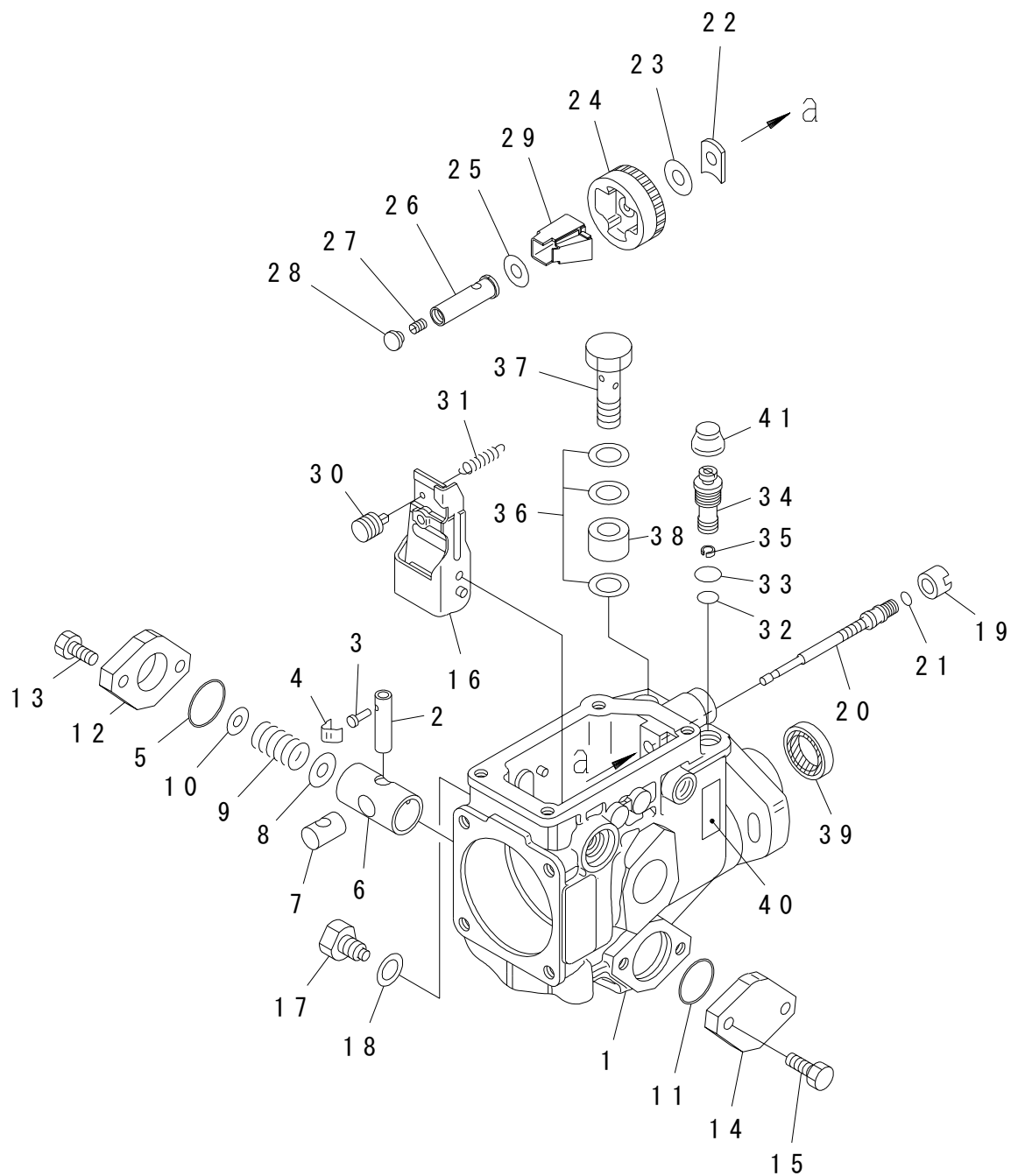


P 4 F 9 5 1 0

FIG NO. : A4010-A0Z1

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	(6205-71-1440)	INJECTION PUMP, (SEE FIG. A4010-B0Z1).....	1	128788-

FIG. A4010-B0Z1 FUEL INJECTION PUMP (PUMP) (1/3) (INNER PARTS)



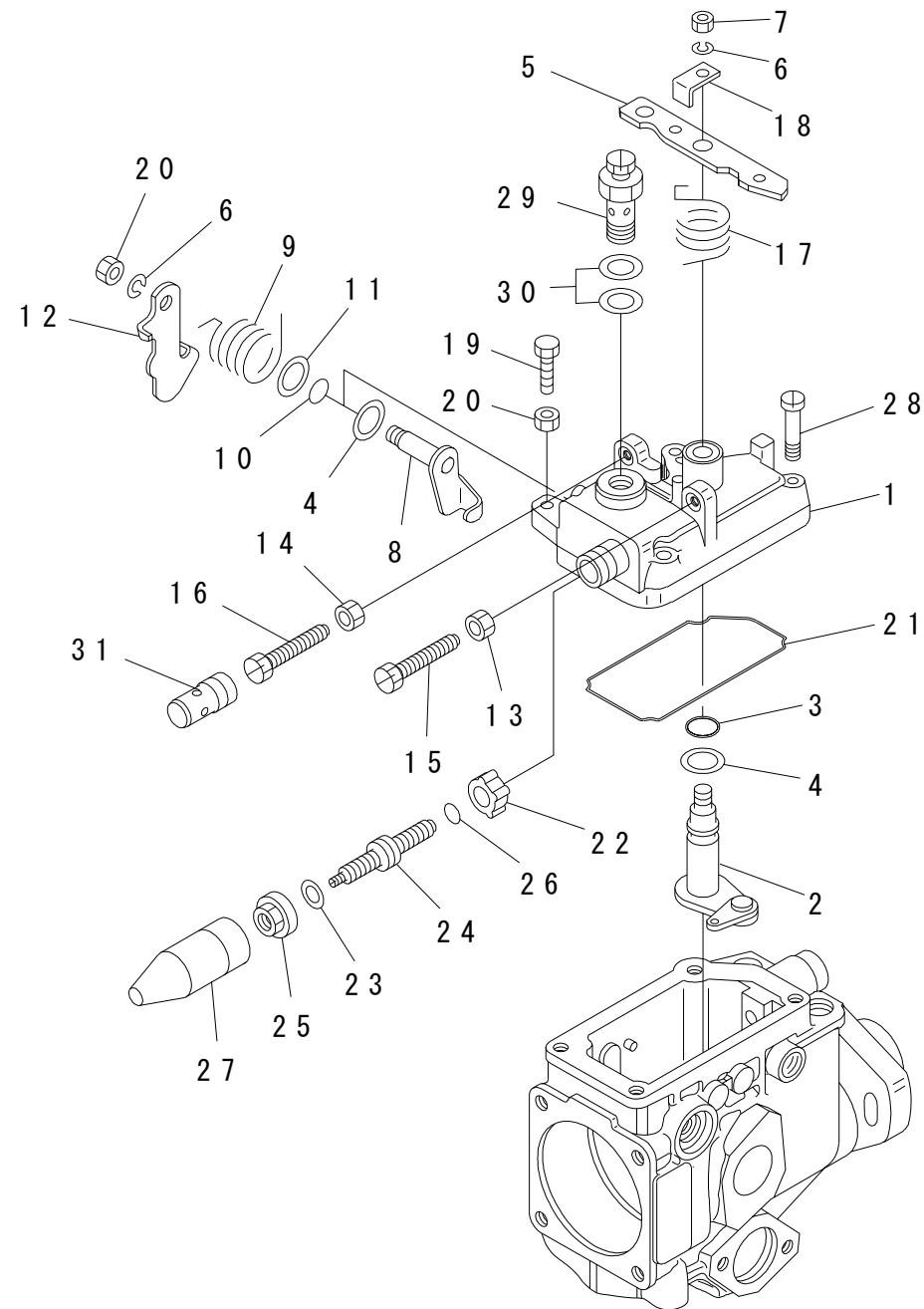
P4F9511

FIG NO. : A4010-B0Z1

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6205-71-1440	INJECTION PUMP..... THIS ASSEMBLY CONSISTS OF ALL PARTS SHOWN IN FIGS. A4010-B0Z1 TO A4010-D0Z1.	1	128788-
	DK104641-7460	. PUMP ASS' Y.....	1	128788-
1	DK146018-9720	. HOUSING.....	1	128788-
2	DK146303-0000	. . PIN.....	1	128788-
3	DK146304-0000	. . PIN.....	1	128788-
4	DK146305-0000	. . CLIP.....	1	128788-
5	DK146600-0800	. . O-RING.....	1	128788-
6	DK146300-0100	. . PISTON.....	1	128788-
7	DK146301-0000	. . SLIDER.....	1	128788-
8	DK146603-0700	. . SHIM, 0. 60MM.....	1	128788-
9	DK146302-1900	. . SPRING.....	1	128788-
10	DK146603-0700	. . SHIM, 0. 60MM.....	AR	128788-
	DK146603-0800	. . SHIM, 0. 70MM.....	AR	128788-
	DK146603-0900	. . SHIM, 0. 90MM.....	AR	128788-
	DK146603-1000	. . SHIM, 1. 00MM.....	AR	128788-
	DK146603-1100	. . SHIM, 1. 20MM.....	AR	128788-
	DK146603-3600	. . SHIM, 2. 40MM.....	AR	128788-
11	DK146600-0800	. . O-RING.....	1	128788-
12	DK146310-0700	. . COVER.....	1	128788-
13	DK146620-5000	. . BOLT.....	2	128788-
14	DK146310-5100	. . COVER.....	1	128788-
15	DK146620-5000	. . BOLT.....	2	128788-
16	DK146891-1220	. . LEVER.....	1	128788-
17	DK146568-0000	. . BOLT.....	2	128788-
18	DK026508-1140	. . GASKET.....	2	128788-
19	DK146569-0300	. . NUT.....	1	128788-
20	DK146570-0520	. . SHAFT.....	1	128788-
21	DK146600-0400	. . O-RING.....	1	128788-
22	DK146571-0000	. . SHIM, 1. 05MM.....	AR	128788-
	DK146571-0100	. . SHIM, 1. 25MM.....	AR	128788-
	DK146571-0200	. . SHIM, 1. 45MM.....	AR	128788-
	DK146571-0300	. . SHIM, 1. 65MM.....	AR	128788-
	DK146571-0400	. . SHIM, 1. 85MM.....	AR	128788-
	DK146571-0500	. . SHIM, 1. 15MM.....	AR	128788-
	DK146571-0600	. . SHIM, 1. 35MM.....	AR	128788-
	DK146571-0700	. . SHIM, 1. 55MM.....	AR	128788-
	DK146571-0800	. . SHIM, 1. 75MM.....	AR	128788-
23	DK146602-0600	. . WASHER.....	1	128788-
24	DK146572-0020	. . HOLDER.....	1	128788-
25	DK146602-2600	. . WASHER.....	1	128788-
26	DK146976-2400	. . SLEEVE, GOVERNOR.....	1	128788-
27	DK146576-0400	. . CAP.....	1	128788-
28	DK146877-0820	. . PLUG, CLOSING.....	AR	128788-
	DK146877-0920	. . PLUG, CLOSING.....	AR	128788-
	DK146877-1020	. . PLUG, CLOSING.....	AR	128788-
	DK146877-1120	. . PLUG, CLOSING.....	AR	128788-
	DK146877-1220	. . PLUG, CLOSING.....	AR	128788-

FIG NO. : A4010-B0Z1

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
	DK146877-1320	.. PLUG, CLOSING.	AR	128788-
	DK146877-1420	.. PLUG, CLOSING.	AR	128788-
	DK146877-1520	.. PLUG, CLOSING.	AR	128788-
	DK146877-1620	.. PLUG, CLOSING.	AR	128788-
	DK146877-1720	.. PLUG, CLOSING.	AR	128788-
	DK146877-1820	.. PLUG, CLOSING.	AR	128788-
	DK146877-1920	.. PLUG, CLOSING.	AR	128788-
	DK146877-2020	.. PLUG, CLOSING.	AR	128788-
	DK146877-2120	.. PLUG, CLOSING.	AR	128788-
	DK146877-2220	.. PLUG, CLOSING.	AR	128788-
	DK146877-2320	.. PLUG, CLOSING.	AR	128788-
	DK146877-2420	.. PLUG, CLOSING.	AR	128788-
	DK146877-2520	.. PLUG, CLOSING.	AR	128788-
	DK146877-2620	.. PLUG, CLOSING.	AR	128788-
	DK146877-2720	.. PLUG, CLOSING.	AR	128788-
	DK146877-2820	.. PLUG, CLOSING.	AR	128788-
	DK146877-2920	.. PLUG, CLOSING.	AR	128788-
	DK146877-3020	.. PLUG, CLOSING.	AR	128788-
	DK146877-3120	.. PLUG, CLOSING.	AR	128788-
	DK146877-3220	.. PLUG, CLOSING.	AR	128788-
	DK146877-3320	.. PLUG, CLOSING.	AR	128788-
	DK146877-3420	.. PLUG, CLOSING.	AR	128788-
	DK146877-3520	.. PLUG, CLOSING.	AR	128788-
	DK146877-3620	.. PLUG, CLOSING.	AR	128788-
	DK146877-3720	.. PLUG, CLOSING.	AR	128788-
	DK146877-3820	.. PLUG, CLOSING.	AR	128788-
	DK146877-3920	.. PLUG, CLOSING.	AR	128788-
	DK146877-4020	.. PLUG, CLOSING.	AR	128788-
	DK146877-4120	.. PLUG, CLOSING.	AR	128788-
	DK146877-4220	.. PLUG, CLOSING.	AR	128788-
29	DK146574-0320	.. FLYWEIGHT KIT.	1	128788-
30	DK146879-4120	.. PIN, RETAINING.	1	128788-
31	DK146580-1400	.. SPRING, GOVERNOR.	1	128788-
32	DK146600-0600	.. O-RING.	1	128788-
33	DK146600-0700	.. O-RING.	1	128788-
34	DK146110-0220	.. VALVE.	1	128788-
35	DK146114-0000	.. RING, SPRING.	1	128788-
36	DK139512-0500	.. GASKET.	3	128788-
37	DK146125-0020	.. BOLT, EYE.	1	128788-
38	DK146614-0200	.. SPACER.	1	128788-
39	DK146601-1100	.. OIL, OIL.	1	128788-
40	DK146984-6100	.. PLATE, NUMBER.	1	128788-
41	DK146598-8120	.. CAP.	1	128788-
	DK146598-8320	.. CAP.	1	128788-
42	DK146600-1120	.. REPAIR KIT, (NOT SHOWN)	1	128788-

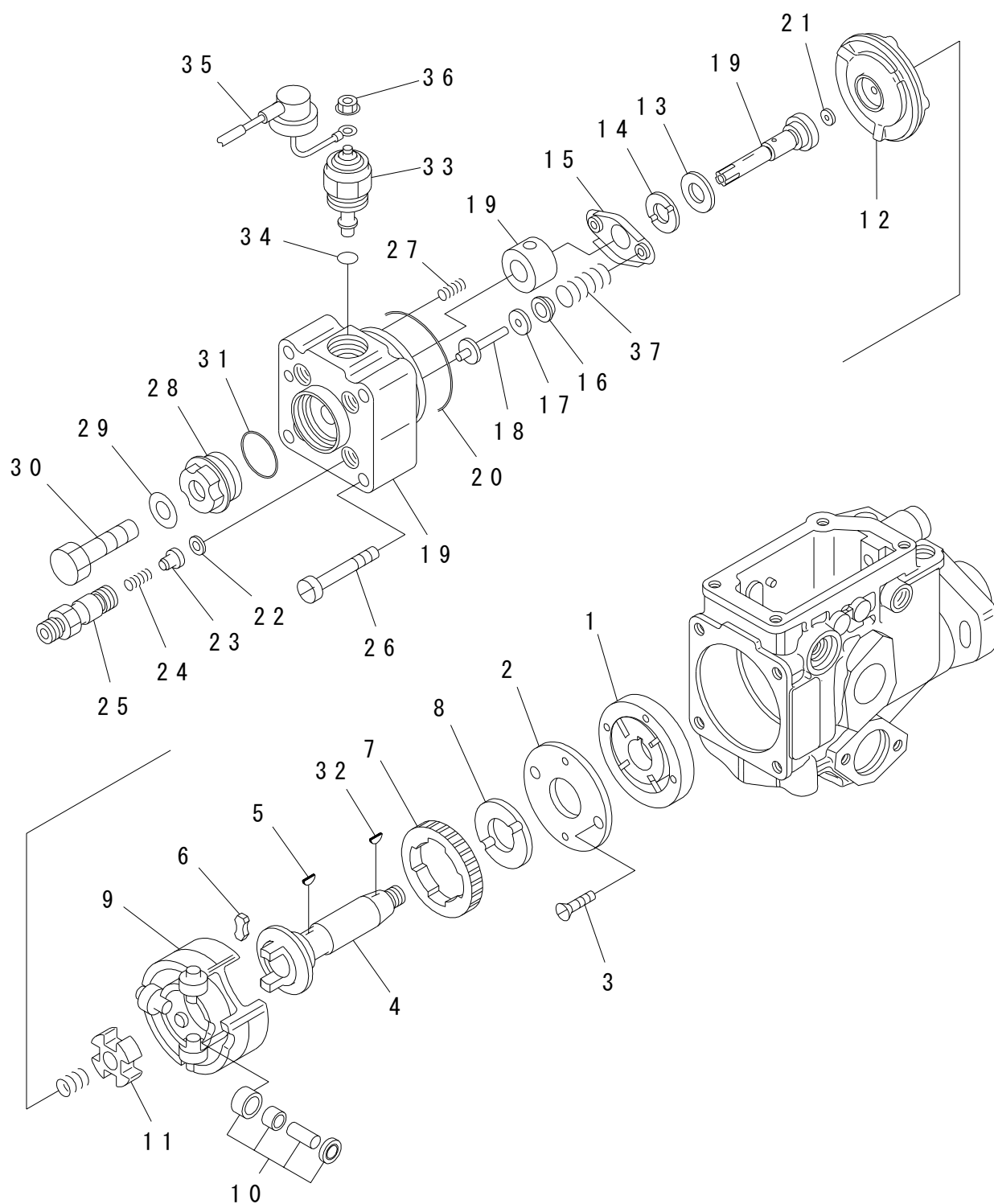


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FIG NO. : A4010-C0Z1

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	(6205-71-1440)	INJECTION PUMP..... THIS ASSEMBLY CONSISTS OF ALL PARTS SHOWN IN FIGS. A4010-B0Z1 TO A4010-D0Z1.	1	128788-
	(DK104641-7460)	. PUMP ASS' Y.....	1	128788-
	DK146821-9720	.. COVER ASS' Y.....	1	128788-
1	DK146508-1022	... COVER.....	1	128788-
2	DK146515-0220	... SHAFT, CONTROL.....	1	128788-
3	DK146600-0100	... O-RING.....	1	128788-
4	DK139310-0200	... WASHER.....	2	128788-
5	DK146530-0000	... LEVER.....	AR	128788-
	DK146530-0100	... LEVER.....	AR	128788-
	DK146832-1500	... LEVER.....	AR	128788-
	DK146832-1600	... LEVER.....	AR	128788-
6	DK014110-6440	... WASHER, SPRING.....	2	128788-
7	DK013020-6040	... NUT.....	1	128788-
8	DK146515-1820	... LEVER, SHAFT.....	1	128788-
9	DK146587-4600	... SPRING.....	1	128788-
10	DK146600-0200	... O-RING.....	1	128788-
11	DK146602-0100	... WASHER.....	1	128788-
12	DK146540-1300	... LEVER.....	AR	128788-
	DK146540-1400	... LEVER.....	AR	128788-
	DK146540-5200	... LEVER.....	AR	128788-
	DK146540-5300	... LEVER.....	AR	128788-
13	DK146621-1700	... NUT.....	1	128788-
14	DK146621-1700	... NUT.....	1	128788-
15	DK146526-2800	... BOLT.....	1	128788-
16	DK146526-2800	... BOLT.....	1	128788-
17	DK146587-2000	... SPRING.....	1	128788-
18	DK146541-0000	... ANGLE.....	1	128788-
19	DK139006-4800	... BOLT.....	1	128788-
20	DK013020-6040	... NUT.....	2	128788-
21	DK146600-4400	... SEAL, RING.....	1	128788-
22	DK146545-4500	... DAMPER.....	1	128788-
	DK146598-7320	... CAP, LOAD.....	1	128788-
23	DK139308-0300	... WASHER.....	1	128788-
24	DK146545-4600	... SCREW.....	AR	128788-
	DK146545-4700	... SCREW.....	AR	128788-
	DK146545-4800	... SCREW.....	AR	128788-
	DK146545-5000	... SCREW.....	AR	128788-
25	DK146598-5000	... NUT.....	1	128788-
26	DK146600-1200	... O-RING.....	1	128788-
27	DK146598-7310	... CAP.....	1	128788-
28	DK139106-0200	.. SCREW.....	4	128788-
29	DK146120-0120	.. VALVE, OVER FLOW.....	1	128788-
30	DK139512-0500	.. GASKET.....	2	128788-
31	DK146598-0600	.. CAP.....	AR	128788-
	DK146598-0700	.. CAP.....	AR	128788-
	DK146598-0800	.. CAP.....	AR	128788-
	DK146598-0900	.. CAP.....	AR	128788-

FIG. A4010-D0Z1 FUEL INJECTION PUMP (PUMP) (3/3) (INNER PARTS)



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FIG NO. : A4010-D0Z1

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	(6205-71-1440)	INJECTION PUMP..... THIS ASSEMBLY CONSISTS OF ALL PARTS SHOWN IN FIGS. A4010-B0Z1 TO A4010-D0Z1.	1	128788-
	(DK104641-7460)	. PUMP ASS' Y.....	1	128788-
1	DK146100-0120	.. FEED PUMP.....	1	128788-
2	DK146103-0000	.. COVER.....	1	128788-
3	DK139104-0000	.. SCREW.....	2	128788-
	DK146200-0820	.. DRIVE SHAFT ASS' Y.....	1	128788-
4	DK146200-0800	... SHAFT, DRIVE.....	1	128788-
5	DK146201-0000	... KEY, WOODRUFF.....	1	128788-
6	DK146202-0100	... DAMPER.....	2	128788-
7	DK146203-0000	... GEAR.....	1	128788-
8	DK146204-0000	.. WASHER.....	1	128788-
9	DK146210-8820	.. ROLLER ASS' Y.....	1	128788-
10	DK146210-5720	.. ROLLER.....	1	128788-
11	DK146205-0301	.. DISK.....	1	128788-
12	DK146220-2620	.. DISK, CAM.....	1	128788-
13	DK146230-0000	.. SHIM.....	1	128788-
14	DK146230-0100	.. WASHER.....	1	128788-
15	DK146231-0001	.. SEAT, SPRING.....	1	128788-
16	DK146233-0000	.. SEAT, SPRING.....	2	128788-
17	DK146603-0000	.. SHIM, 0.50MM.....	AR	128788-
	DK146603-0100	.. SHIM, 0.80MM.....	AR	128788-
	DK146603-0200	.. SHIM, 1.00MM.....	AR	128788-
	DK146603-0300	.. SHIM, 1.20MM.....	AR	128788-
	DK146603-0400	.. SHIM, 1.50MM.....	AR	128788-
	DK146603-0500	.. SHIM, 1.80MM.....	AR	128788-
	DK146603-0600	.. SHIM, 2.00MM.....	AR	128788-
	DK146690-1400	.. SHIM, 0.9MM.....	AR	128788-
	DK146690-1500	.. SHIM, 1.1MM.....	AR	128788-
	DK146690-1600	.. SHIM, 1.3MM.....	AR	128788-
	DK146690-1700	.. SHIM, 1.4MM.....	AR	128788-
	DK146690-1800	.. SHIM, 1.6MM.....	AR	128788-
	DK146690-1900	.. SHIM, 1.7MM.....	AR	128788-
	DK146690-5800	.. SHIM.....	AR	128788-
	DK146690-5900	.. SHIM.....	AR	128788-
	DK146690-6000	.. SHIM.....	AR	128788-
	DK146690-6100	.. SHIM.....	AR	128788-
	DK146690-6200	.. SHIM.....	AR	128788-
	DK146690-6300	.. SHIM.....	AR	128788-
	DK146690-6400	.. SHIM.....	AR	128788-
	DK146690-6500	.. SHIM.....	AR	128788-
	DK146690-6600	.. SHIM.....	AR	128788-
	DK146690-6700	.. SHIM.....	AR	128788-
	DK146690-6800	.. SHIM.....	AR	128788-
	DK146690-6900	.. SHIM.....	AR	128788-
	DK146690-7000	.. SHIM.....	AR	128788-
	DK146690-7100	.. SHIM.....	AR	128788-
	DK146690-7200	.. SHIM.....	AR	128788-

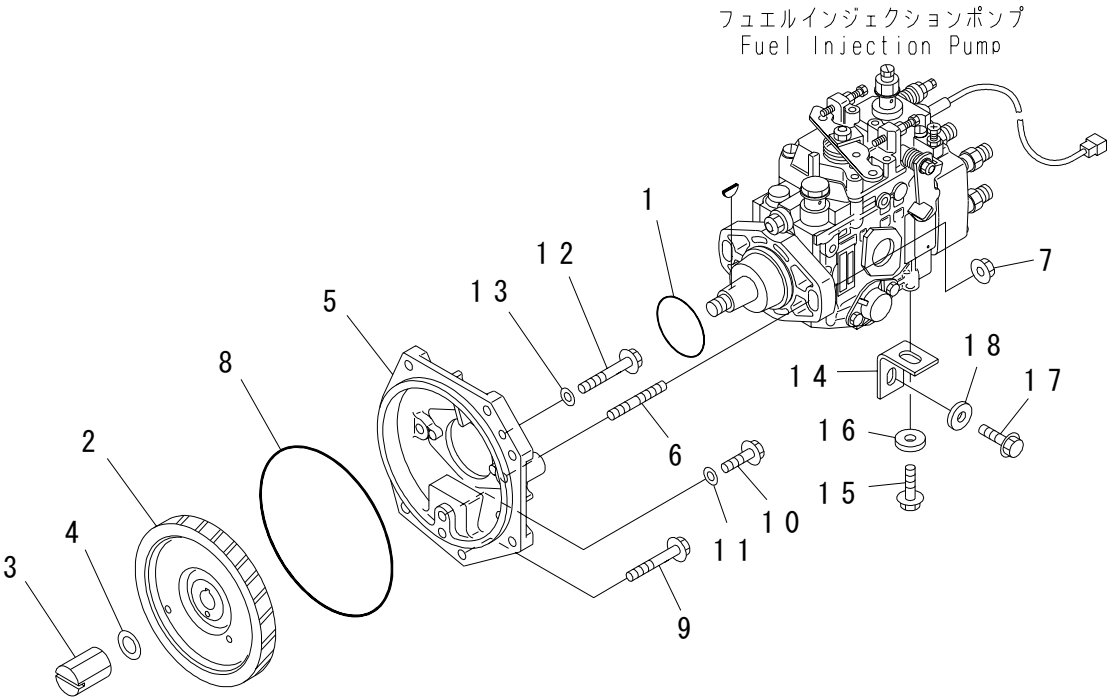
FIG NO. : A4010-D0Z1

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
	DK146690-7300	.. SHIM.	AR	128788-
	DK146690-7400	.. SHIM.	AR	128788-
	DK146690-7500	.. SHIM.	AR	128788-
	DK146690-7800	.. SHIM.	AR	128788-
18	DK146234-0600	.. GUIDE, PIN.	2	128788-
19	DK146402-3420	.. HEAD, DISTRIBUTOR.	1	128788-
20	DK146600-0000	.. O-RING.	1	128788-
21	DK146420-0000	.. SHIM, 1. 90MM.	AR	128788-
	DK146420-0100	.. SHIM, 1. 92MM.	AR	128788-
	DK146420-0200	.. SHIM, 1. 94MM.	AR	128788-
	DK146420-0300	.. SHIM, 1. 96MM.	AR	128788-
	DK146420-0400	.. SHIM, 1. 98MM.	AR	128788-
	DK146420-0500	.. SHIM, 2. 00MM.	AR	128788-
	DK146420-0600	.. SHIM, 2. 02MM.	AR	128788-
	DK146420-0700	.. SHIM, 2. 04MM.	AR	128788-
	DK146420-0800	.. SHIM, 2. 06MM.	AR	128788-
	DK146420-0900	.. SHIM, 2. 08MM.	AR	128788-
	DK146420-1000	.. SHIM, 2. 10MM.	AR	128788-
	DK146420-1100	.. SHIM, 2. 12MM.	AR	128788-
	DK146420-1200	.. SHIM, 2. 14MM.	AR	128788-
	DK146420-1300	.. SHIM, 2. 16MM.	AR	128788-
	DK146420-1400	.. SHIM, 2. 18MM.	AR	128788-
	DK146420-1500	.. SHIM, 2. 20MM.	AR	128788-
	DK146420-1600	.. SHIM, 2. 22MM.	AR	128788-
	DK146420-1700	.. SHIM, 2. 24MM.	AR	128788-
	DK146420-1800	.. SHIM, 2. 26MM.	AR	128788-
	DK146420-1900	.. SHIM, 2. 28MM.	AR	128788-
	DK146420-2000	.. SHIM, 2. 30MM.	AR	128788-
	DK146420-2100	.. SHIM, 2. 32MM.	AR	128788-
	DK146420-2200	.. SHIM, 2. 34MM.	AR	128788-
	DK146420-2300	.. SHIM, 2. 36MM.	AR	128788-
	DK146420-2400	.. SHIM, 2. 38MM.	AR	128788-
	DK146420-2500	.. SHIM, 2. 40MM.	AR	128788-
	DK146420-2600	.. SHIM, 2. 42MM.	AR	128788-
	DK146420-2700	.. SHIM, 2. 44MM.	AR	128788-
	DK146420-2800	.. SHIM, 2. 46MM.	AR	128788-
	DK146420-2900	.. SHIM, 2. 48MM.	AR	128788-
	DK146420-3000	.. SHIM, 2. 50MM.	AR	128788-
	DK146420-3100	.. SHIM, 2. 52MM.	AR	128788-
	DK146420-3200	.. SHIM, 2. 54MM.	AR	128788-
	DK146420-3300	.. SHIM, 2. 56MM.	AR	128788-
	DK146420-3400	.. SHIM, 2. 58MM.	AR	128788-
	DK146420-3500	.. SHIM, 2. 60MM.	AR	128788-
	DK146420-3600	.. SHIM, 2. 62MM.	AR	128788-
	DK146420-3700	.. SHIM, 2. 64MM.	AR	128788-
	DK146420-3800	.. SHIM, 2. 66MM.	AR	128788-
	DK146420-3900	.. SHIM, 2. 68MM.	AR	128788-
	DK146420-4000	.. SHIM, 2. 70MM.	AR	128788-
	DK146420-4100	.. SHIM, 2. 72MM.	AR	128788-

FIG NO. : A4010-D0Z1

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
	DK146420-4200	.. SHIM, 2. 74MM.	AR	128788-
	DK146420-4300	.. SHIM, 2. 76MM.	AR	128788-
	DK146420-4400	.. SHIM, 2. 78MM.	AR	128788-
	DK146420-4500	.. SHIM, 2. 80MM.	AR	128788-
	DK146420-4600	.. SHIM, 2. 82MM.	AR	128788-
	DK146420-4700	.. SHIM, 2. 84MM.	AR	128788-
	DK146420-4800	.. SHIM, 2. 86MM.	AR	128788-
	DK146420-4900	.. SHIM, 2. 88MM.	AR	128788-
	DK146420-5000	.. SHIM, 2. 90MM.	AR	128788-
	DK146420-5100	.. SHIM, 1. 74MM.	AR	128788-
	DK146420-5200	.. SHIM, 1. 76MM.	AR	128788-
	DK146420-5300	.. SHIM, 1. 78MM.	AR	128788-
	DK146420-5400	.. SHIM, 1. 80MM.	AR	128788-
	DK146420-5500	.. SHIM, 1. 82MM.	AR	128788-
	DK146420-5600	.. SHIM, 1. 84MM.	AR	128788-
	DK146420-5700	.. SHIM, 1. 86MM.	AR	128788-
	DK146420-5800	.. SHIM, 1. 88MM.	AR	128788-
22	DK146433-0100	.. GASKET.	4	128788-
23	DK146430-6020	.. VALVE, DELIVERY.	4	128788-
24	DK146432-0200	.. SPRING.	4	128788-
25	DK146440-0220	.. HOLDER.	4	128788-
26	DK139106-0100	.. SCREW.	4	128788-
27	DK146588-0500	.. SPRING.	2	128788-
28	DK146421-1720	.. PLUG.	1	128788-
29	DK026508-1140	.. GASKET.	1	128788-
30	DK146422-1001	.. BOLT.	1	128788-
31	DK146600-0500	.. O-RING.	1	128788-
32	DK029470-4030	.. KEY, WOODRUFF.	1	128788-
33	DK146650-1220	.. VALVE, MAGNET.	1	128788-
34	DK146600-1700	.. O-RING.	1	128788-
35	DK146662-1420	.. WIRE.	1	128788-
36	DK146621-1000	.. NUT.	1	128788-
37	DK146232-1520	.. SPRING, PLUNGER.	1	128788-

FIG. A4040-A0A8 FUEL INJECTION PUMP MOUNTING

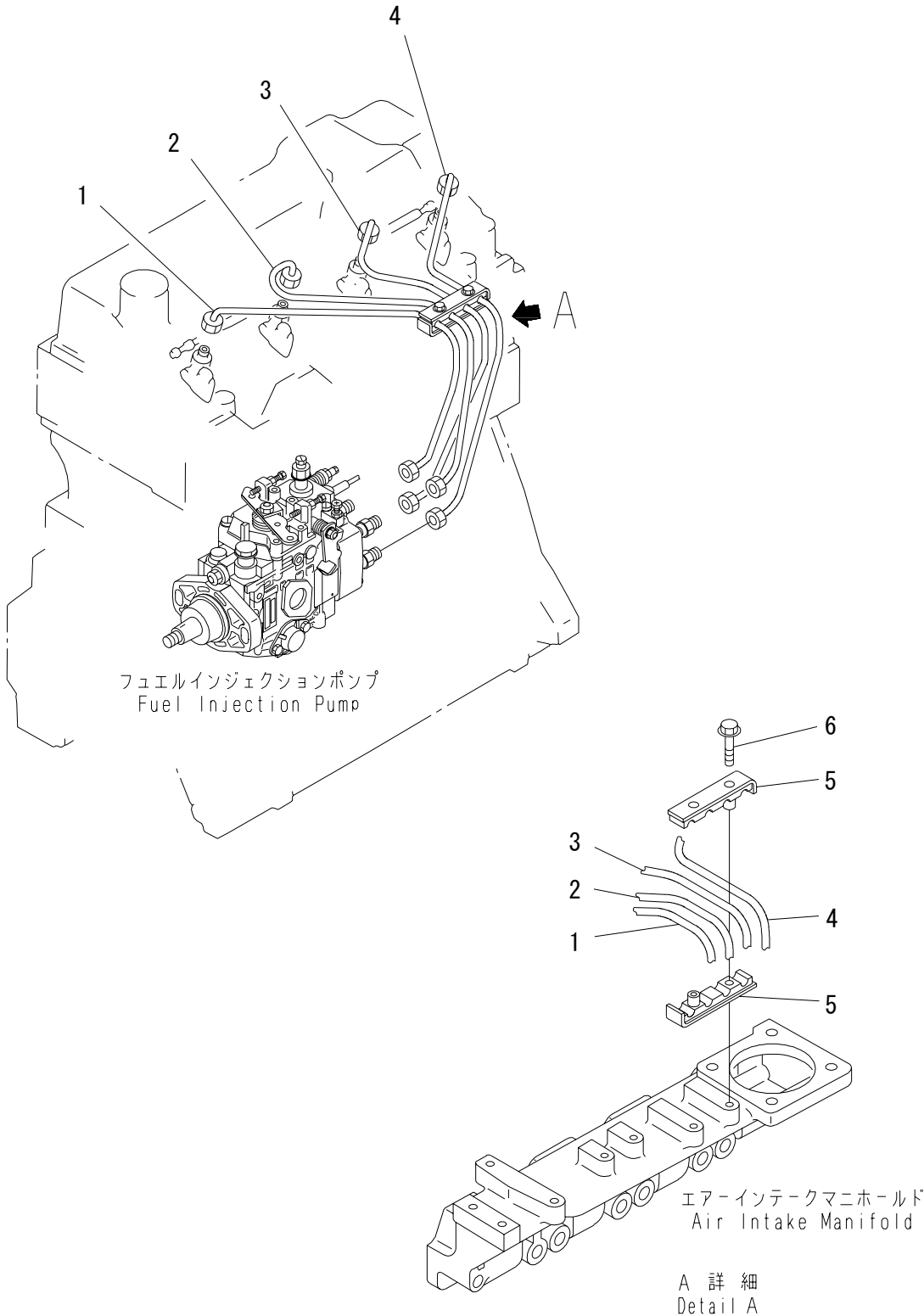


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FIG NO. : A4040-A0A8

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	07000-13050	O-RING..... (K2).....	1	128788-
2	6204-71-3240	GEAR, PUMP DRIVE.....	1	128788-
3	6206-71-3630	NUT.....	1	128788-
4	6130-32-1361	WASHER.....	1	128788-
5	6204-71-3311	HOLDER.....	1	128788-
6	01160-50830	STUD.....	2	128788-
7	01584-00806	NUT.....	2	128788-
8	07000-02135	O-RING..... (K2).....	1	128788-
9	6204-71-3190	BOLT.....	1	128788-
10	01435-00812	BOLT.....	1	128788-
11	07005-00812	GASKET..... (K2).....	1	128788-
12	6206-21-3930	BOLT.....	1	128788-
13	01643-30623	WASHER.....	1	128788-
14	6202-73-1850	BRACKET.....	1	128788-
15	01435-01016	BOLT.....	1	128788-
16	6110-23-6490	SPACER.....	1	128788-
17	01435-00816	BOLT.....	1	128788-
18	6201-81-6560	SPACER.....	1	128788-

FIG. A4050-A0C7 FUEL INJECTION PIPING

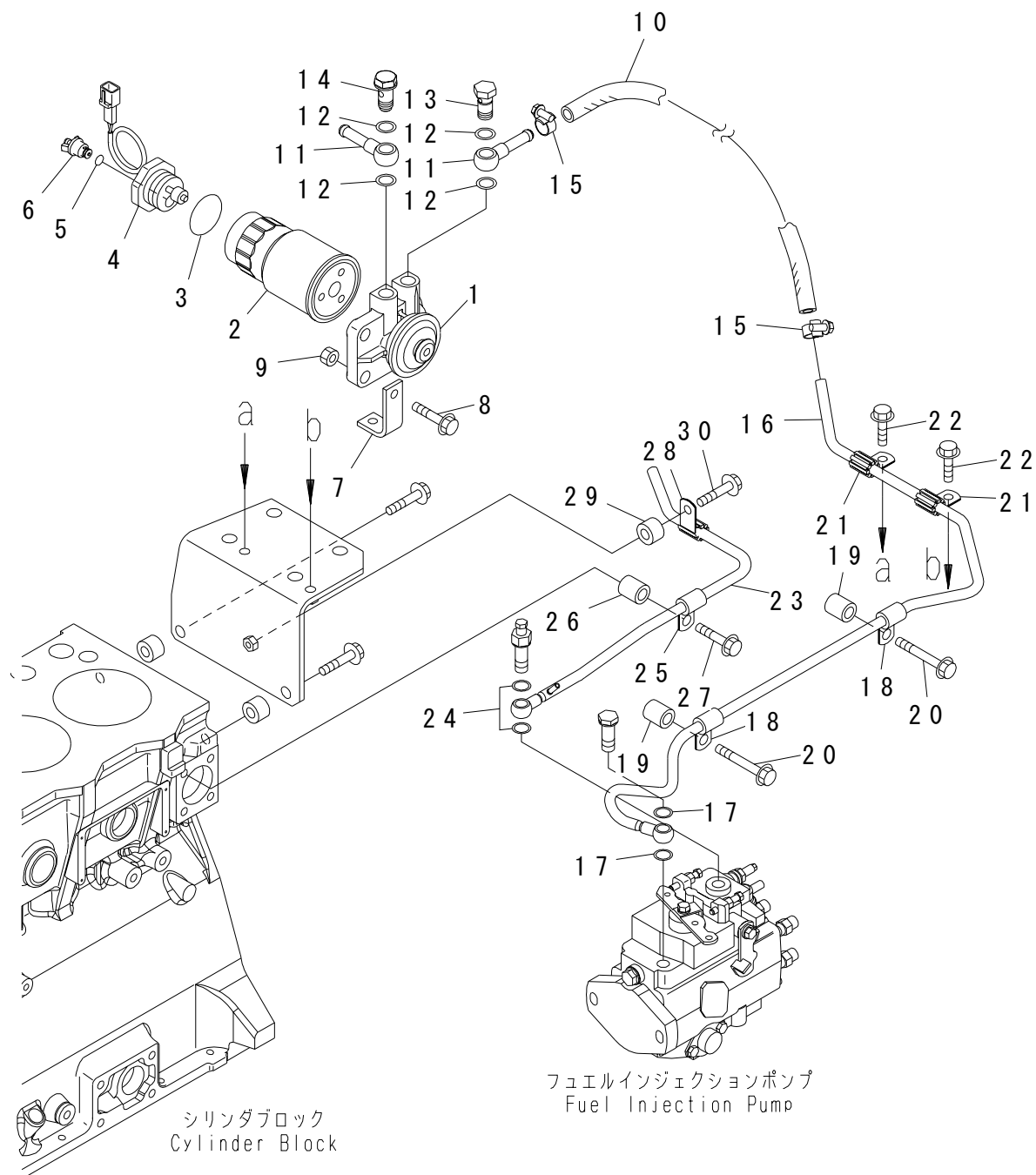


P4F9515

FIG NO. : A4050-A0C7

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6205-71-5110	TUBE, INJECTION, NO. 1.....	1	128788-
2	6205-71-5120	TUBE, INJECTION, NO. 2.....	1	128788-
3	6205-71-5130	TUBE, INJECTION, NO. 3.....	1	128788-
4	6205-71-5140	TUBE, INJECTION, NO. 4.....	1	128788-
5	6204-71-5710	CLAMP.....	2	128788-
6	01435-00625	BOLT.....	2	128788-

FIG. A4110-A0J4 FUEL FILTER

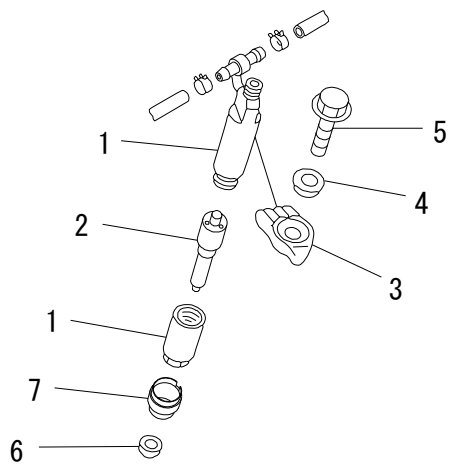
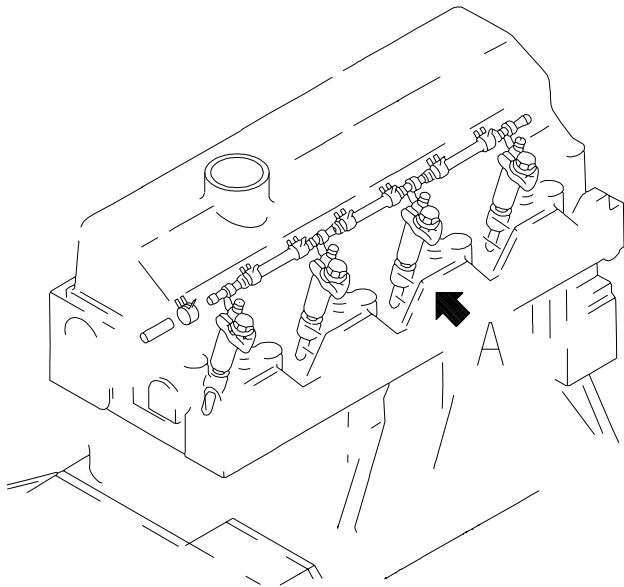


P4F9516

FIG NO. : A4110-A0J4

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
	6204-71-7200	FILTER ASS'Y.....	1	128788-
1	6204-71-7210	. HEAD.....	1	128788-
2	600-311-2110	. CARTRIDGE.....	1	128788-
3	6204-71-7220	. . O-RING..... (K2).....	1	128788-
4	6204-71-7230	. SENSOR.....	1	128788-
5	6204-71-7240	. . O-RING..... (K2).....	1	128788-
6	6204-71-7250	. . VALVE.....	1	128788-
7	6205-51-8380	BRACKET.....	1	128788-
8	01435-00835	BOLT.....	1	128788-
9	01584-00806	NUT.....	1	128788-
10	07288-11003	HOSE.....	1	128788-
11	6141-71-1710	JOINT.....	2	128788-
12	07005-01412	GASKET..... (K2).....	4	128788-
13	07206-31014	BOLT.....	1	128788-
14	6204-73-5710	BOLT.....	1	128788-
15	07281-00197	CLAMP.....	2	128788-
16	6205-71-5840	TUBE.....	1	128788-
17	07005-01212	GASKET..... (K2).....	2	128788-
18	600-051-2100	CLIP.....	2	128788-
19	6643-21-6550	COLLAR.....	2	128788-
20	01436-01000	BOLT.....	2	128788-
21	600-051-1100	CLIP.....	2	128788-
22	01435-00816	BOLT.....	2	128788-
23	6205-71-5850	TUBE.....	1	128788-
24	07005-01212	GASKET..... (K2).....	2	128788-
25	600-051-2100	CLIP.....	1	128788-
26	6210-11-5820	SPACER.....	1	128788-
27	01435-01035	BOLT.....	1	128788-
28	600-051-1100	CLIP.....	1	128788-
29	195-01-14540	COLLAR.....	1	128788-
30	01435-00835	BOLT.....	1	128788-

FIG. A4210-A0F5 INJECTION NOZZLE



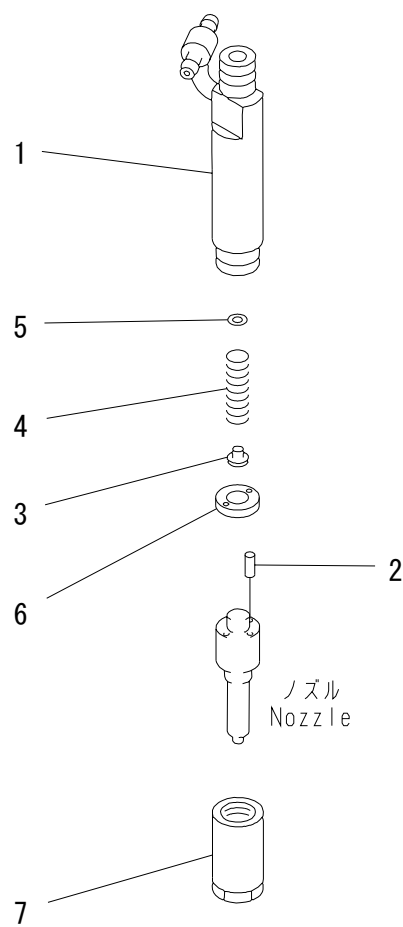
A 詳細
Detail A

P 4 F 9 5 1 7

FIG NO. : A4210-A0F5

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
	6204-11-3500	HOLDER ASS'Y.....	4	128788-
1	(6204-11-3110)	. HOLDER ASS'Y, (SEE FIG. A4210-B0F5).....	1	128788-
2	6204-11-3520	. NOZZLE.....	1	128788-
3	6204-11-3812	HOLDER.....	4	128788-
4	6204-11-3830	WASHER.....	4	128788-
5	01435-01035	BOLT.....	4	128788-
6	6204-11-3880	GASKET..... (K1).....	4	128788-
7	6204-11-3850	SEAL, DUST..... (K1).....	4	128788-

FIG. A4210-B0F5 NOZZLE HOLDER (INNER PARTS)

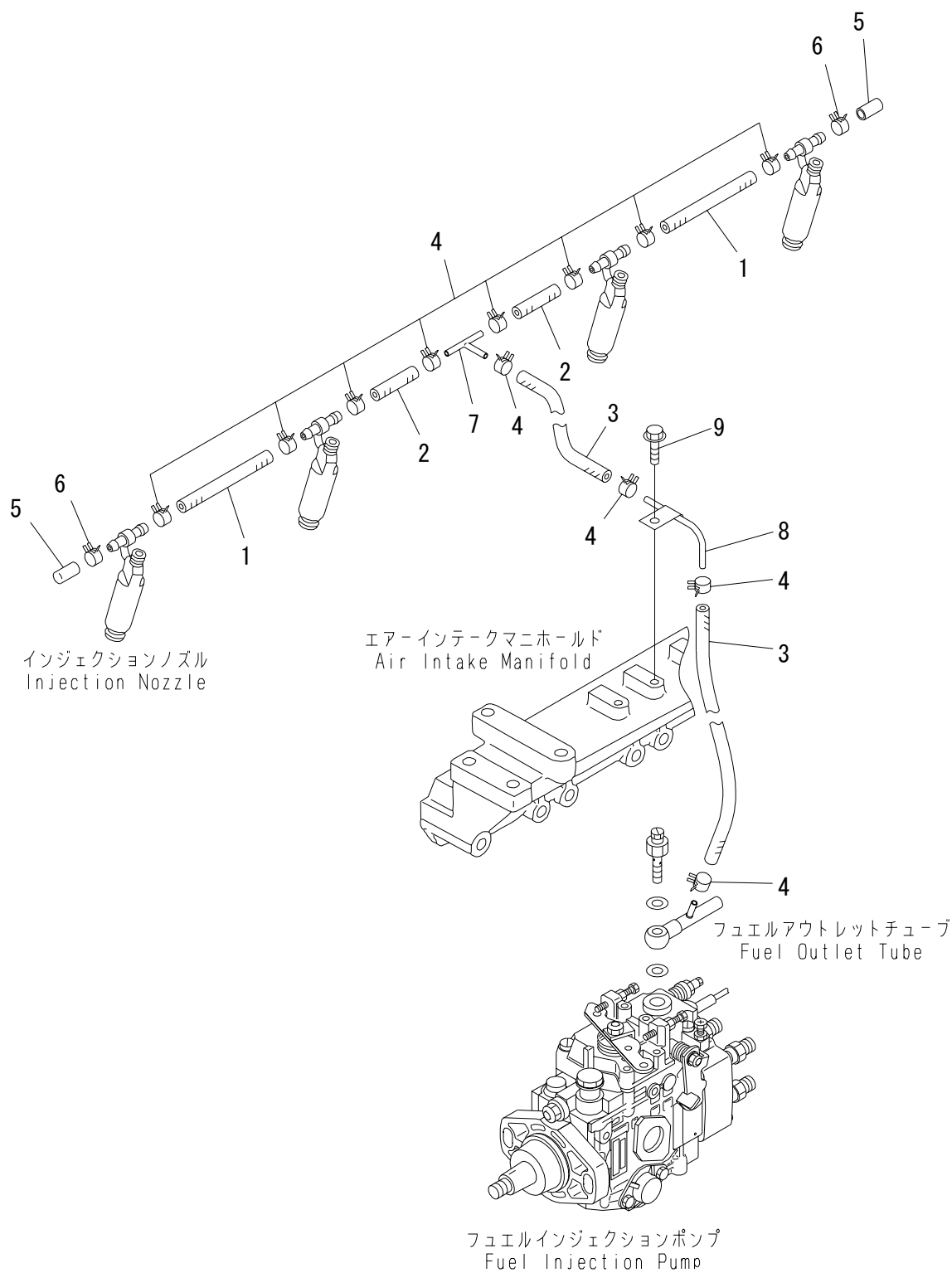


P 4 F 9 5 1 8

FIG NO. : A4210-B0F5

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6204-11-3110	HOLDER ASS'Y.....	4	128788-
2	DK150508-5900	. PIN.....	2	128788-
3	DK150560-0400	. SEAT, SPRING.....	1	128788-
4	DK150562-4300	. SPRING.....	1	128788-
5	DK150591-1000	. SHIM, 0. 10MM.....	AR	128788-
	DK150591-2000	. SHIM, 0. 20MM.....	AR	128788-
	DK150591-3000	. SHIM, 0. 30MM.....	AR	128788-
	DK150591-4000	. SHIM, 0. 40MM.....	AR	128788-
	DK150591-5000	. SHIM, 0. 50MM.....	AR	128788-
	DK150591-5100	. SHIM, 0. 51MM.....	AR	128788-
	DK150591-5200	. SHIM, 0. 52MM.....	AR	128788-
	DK150591-5300	. SHIM, 0. 53MM.....	AR	128788-
	DK150591-5400	. SHIM, 0. 54MM.....	AR	128788-
	DK150591-5500	. SHIM, 0. 55MM.....	AR	128788-
	DK150591-5600	. SHIM, 0. 56MM.....	AR	128788-
	DK150591-5700	. SHIM, 0. 57MM.....	AR	128788-
	DK150591-5800	. SHIM, 0. 58MM.....	AR	128788-
	DK150591-5900	. SHIM, 0. 59MM.....	AR	128788-
6	DK150524-4600	. SPACER.....	1	128788-
7	DK150655-0000	. NUT, RETAINING.....	1	128788-

FIG. A4230-A0H1 FUEL RETURN

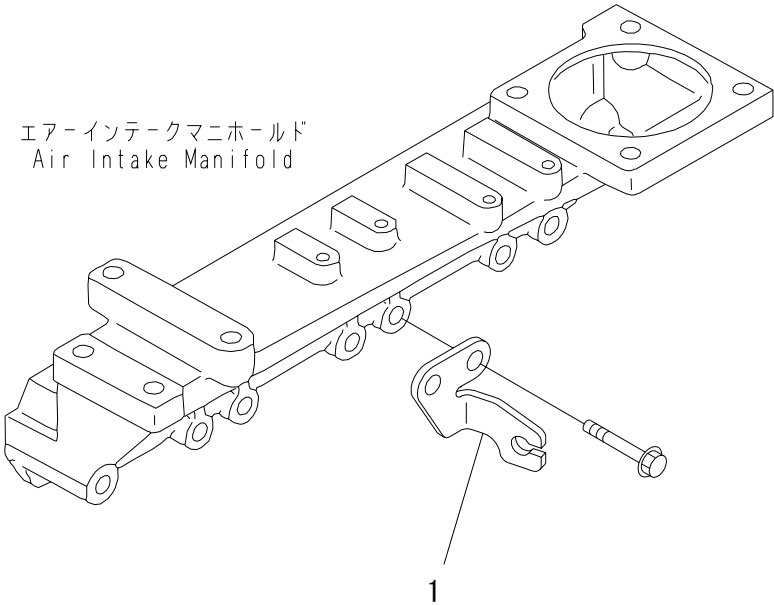


P 4 F 9 5 1 9

FIG NO. : A4230-A0H1

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6204-71-9100	HOSE, SPILL.....	2	128788-
2	6202-71-9450	HOSE, SPILL.....	2	128788-
3	6204-71-9140	HOSE, SPILL.....	2	128788-
4	07285-00100	CLAMP.....	12	128788-
5	6204-71-5581	CAP.....	2	128788-
6	07285-00100	CLAMP.....	2	128788-
7	6204-71-5560	CONNECTOR.....	1	128788-
8	6204-71-5570	CONNECTOR.....	1	128788-
9	01435-00612	BOLT.....	1	128788-

FIG. A4750-A0A5 CABLE SUPPORT

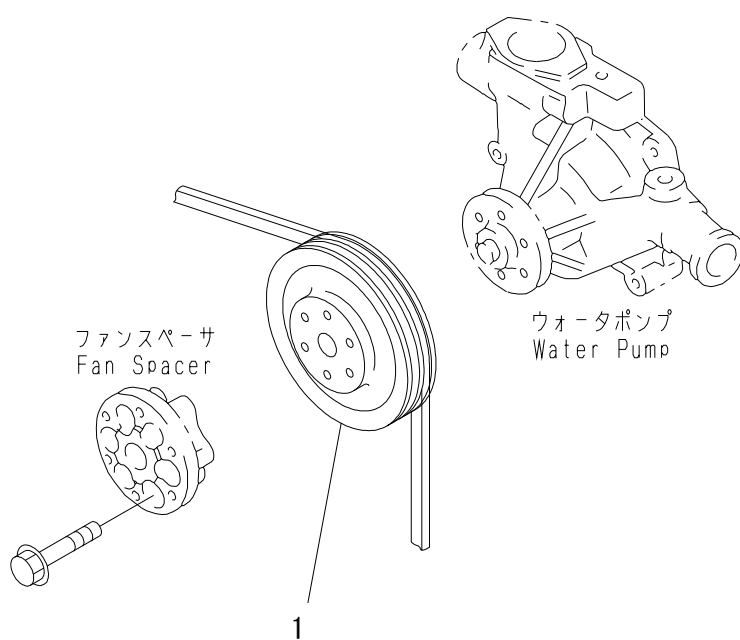


P 4 F 9 5 2 0

FIG NO. : A4750-A0A5

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6204-71-2130	BRACKET.....	1	128788-

FIG. A502P-01F1 WATER PUMP PULLEY (NON HARDENING)

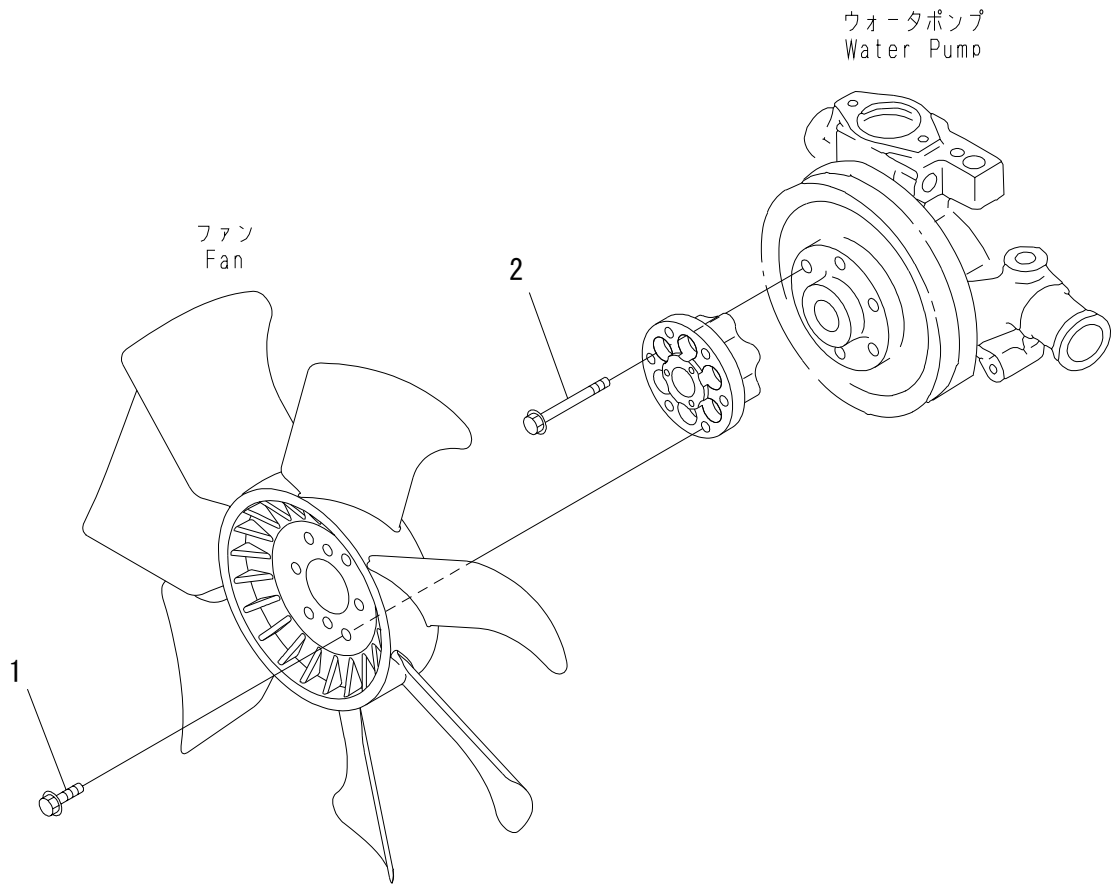


P 4 F 9 5 3 1

FIG NO. : A502P-01F1

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6207-61-3251	PULLEY, NON HARDENING.	1	128788-

FIG. A502R-01B0 COOLING FAN MOUNTING

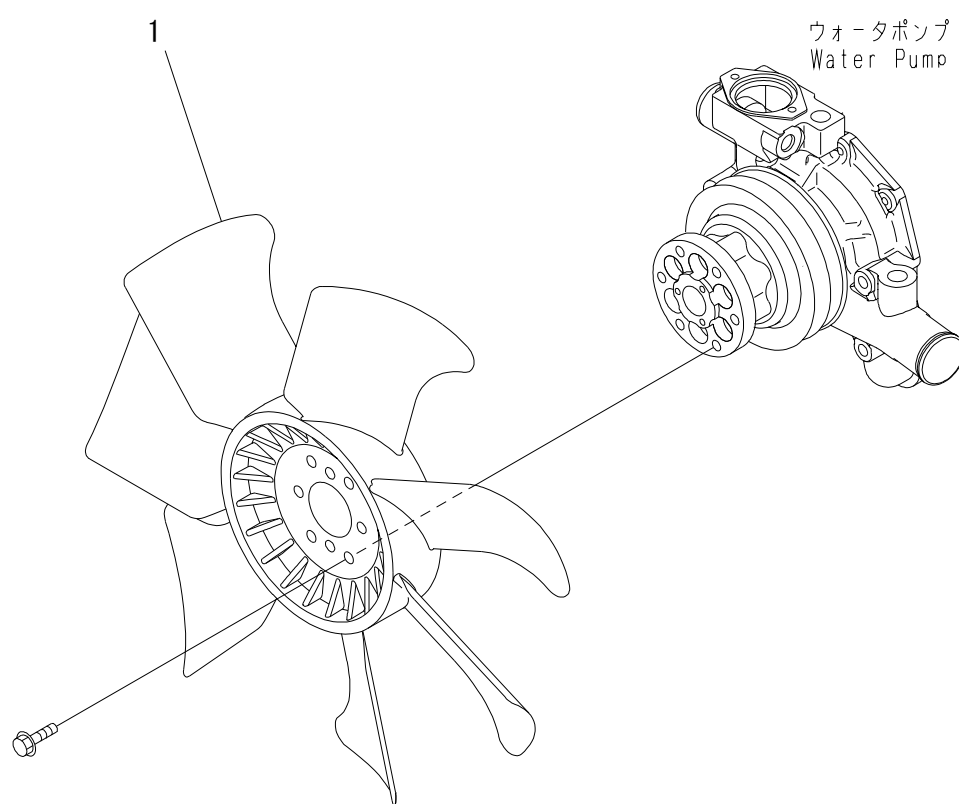


P 4 F 9 5 3 2

FIG NO. : A502R-01B0

[illegible]

FIG. A503P-01A3 COOLING FAN

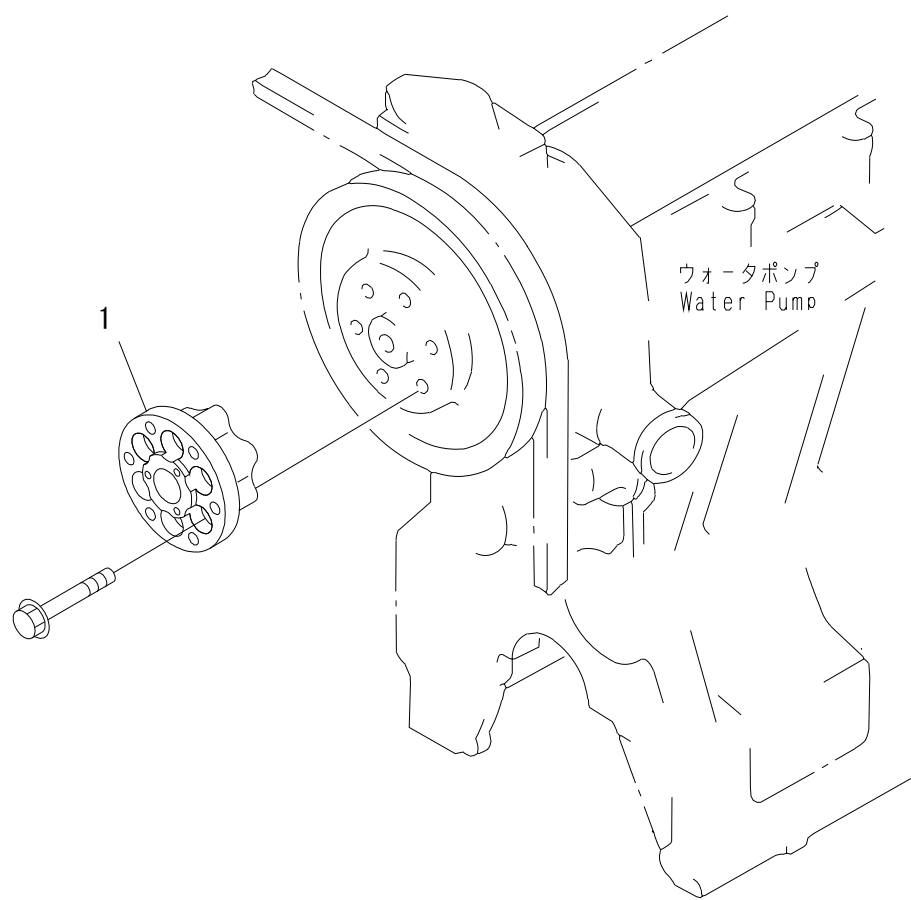


P 4 F 9 5 3 4

FIG NO. : A503P-01A3

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	600-623-8520	FAN.	1	128788-

FIG. A504P-01A8 FAN SPACER

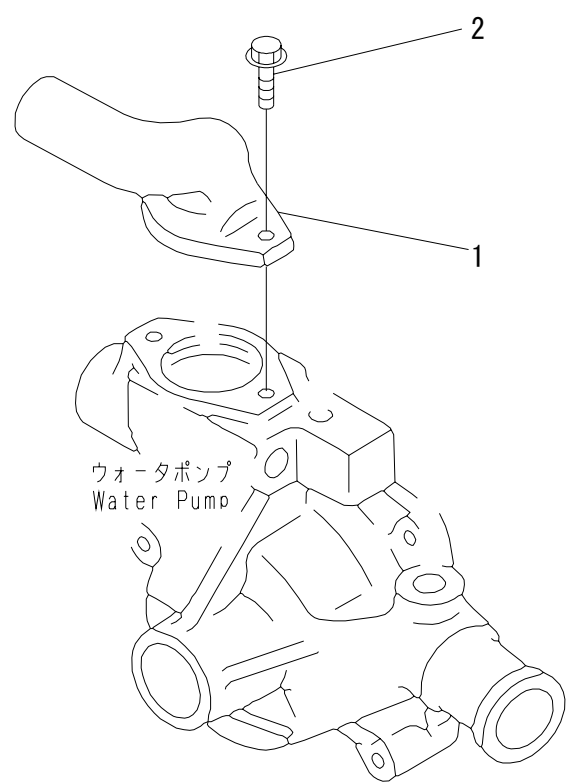


P 4 F 9 5 3 9

FIG NO. : A504P-01A8

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6206-61-3850	SPACER.....	1	128788-

FIG. A5110-A0A7 WATER CONNECTOR (OUTLET)

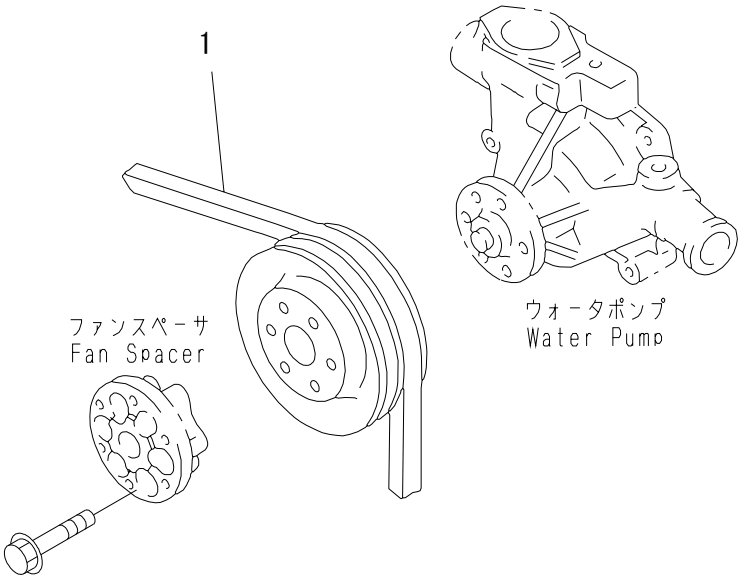


P 4 F 9 5 2 2

FIG NO. : A5110-A0A7

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6204-11-6430	CONNECTOR, WATER.	1	128788-
2	01435-00820	BOLT.	2	128788-

FIG. A5180-A0B6 FAN BELT

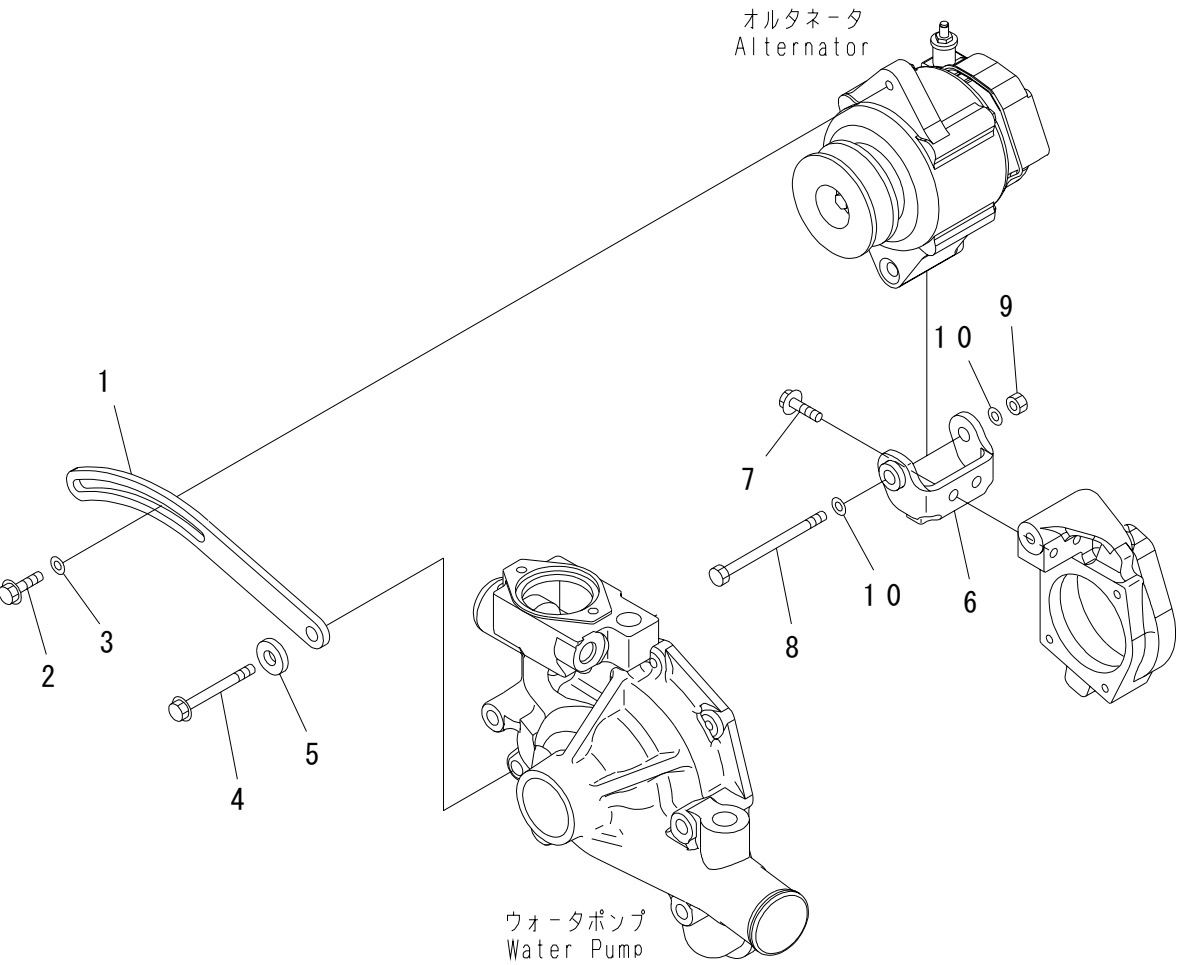


P 4 F 9 5 2 3

FIG NO. : A5180-A0B6

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	04120-21754	V-BELT.....	1	128788-

FIG. A601T-01C7 ALTERNATOR MOUNTING

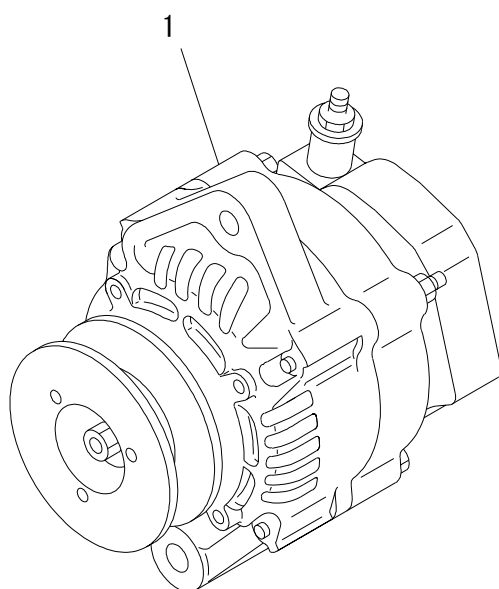


P 4 F 9 5 3 0

FIG NO. : A601T-01C7

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6271-81-6310	PLATE.....	1	128788-
2	01435-00830	BOLT.....	1	128788-
3	154-61-16570	WASHER.....	1	128788-
4	01435-01060	BOLT.....	1	128788-
5	6110-23-6490	SPACER.....	1	128788-
6	6204-81-6321	BRACKET.....	1	128788-
7	01435-00825	BOLT.....	2	128788-
8	01018-31095	BOLT.....	1	128788-
9	01580-01008	NUT.....	1	128788-
10	01640-21016	WASHER.....	2	128788-

FIG. A6010-A0S2A ALTERNATOR (60A)

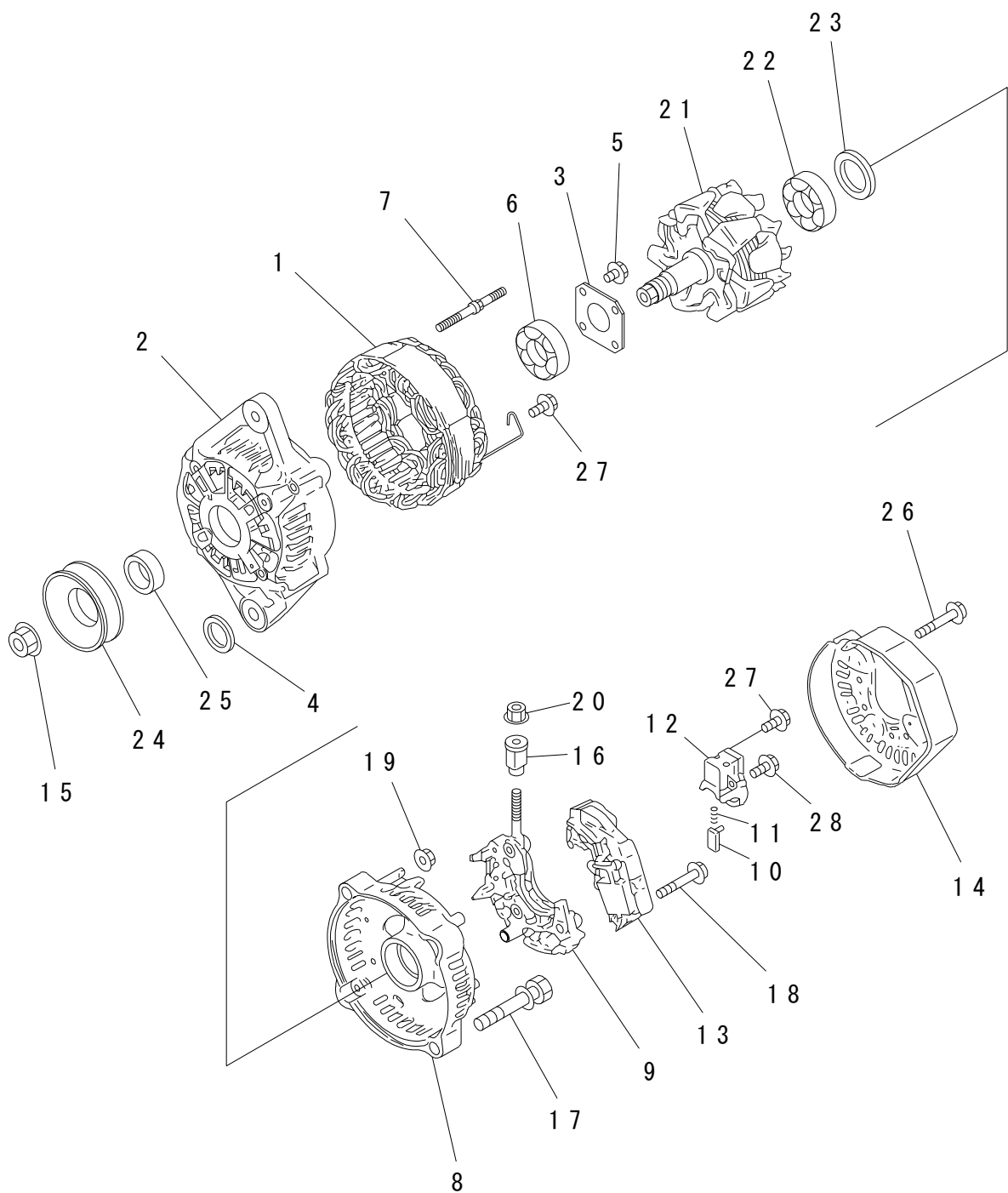


P 4 F 9 5 2 4

FIG NO. : A6010-A0S2A

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	(600-861-1611)	ALTERNATOR A. (60A)..... (SEE FIG. A6010-B0S2A)	1	128788-

FIG. A6010-B0S2A ALTERNATOR (60A) (INNER PARTS)

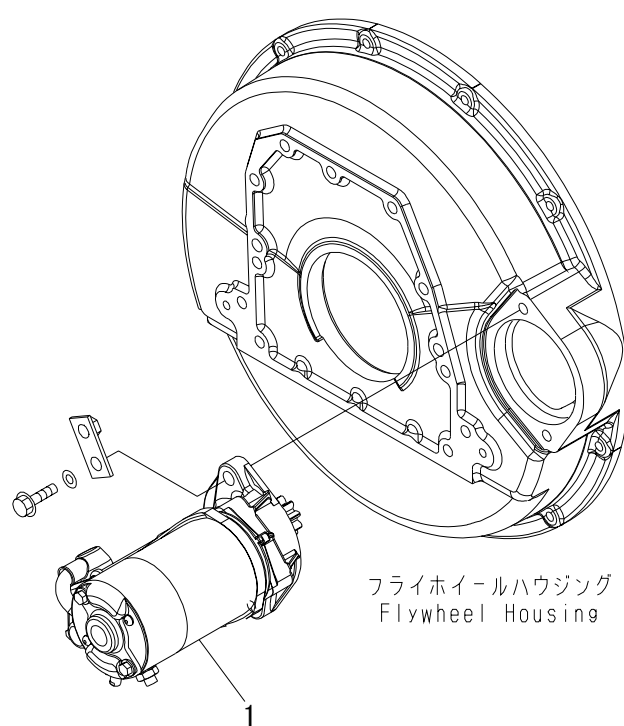


P 4 F 9 5 2 5

FIG NO. : A6010-B0S2A

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
	600-861-1611	ALTERNATOR A. (60A).....	1	128788-
	ND121400-1880	. FRAME ASS' Y.....	1	128788-
1	ND021100-3900	.. STATOR ASS' Y.....	1	128788-
2	ND021401-5280	.. FRAME, FRONT.....	1	128788-
3	ND021411-0500	.. PLATE.....	1	128788-
4	ND021045-0530	.. COLLAR.....	1	128788-
5	ND949006-5200	.. SCREW.....	4	128788-
6	ND949100-3731	.. BEARING.....	1	128788-
7	ND949043-2120	.. STUD.....	4	128788-
8	ND021501-5330	. RECTIFIER ASS' Y, REAR.....	1	128788-
9	ND021580-3130	. BRUSH HOLDER ASS' Y.....	1	128788-
	ND021620-2201	. BRUSH HOLDER ASS' Y.....	1	128788-
10	ND021660-0510	.. BRUSH.....	2	128788-
11	ND949170-6990	.. SPRING.....	2	128788-
12	ND021626-0240	.. BRUSH HOLDER.....	1	128788-
13	ND126000-3480	. REGULATOR ASS' Y.....	1	128788-
14	ND021551-2370	. COVER, REAR.....	1	128788-
15	ND949056-2520	. NUT.....	1	128788-
16	ND021605-1650	. BUSHING.....	1	128788-
17	ND949044-4270	. SCREW.....	2	128788-
18	ND91310-04251	. SCREW.....	2	128788-
19	ND949056-2481	. NUT.....	2	128788-
20	ND949056-1001	. NUT.....	1	128788-
21	ND021200-5141	. ROTOR ASS' Y.....	1	128788-
22	ND949100-3170	.. BEARING, BALL.....	1	128788-
	ND949100-3660	.. BEARING, BALL.....	1	128788-
23	ND021506-0070	.. COVER.....	1	128788-
24	ND121041-7350	. PULLEY.....	1	128788-
25	ND021045-0700	. COLLAR.....	1	128788-
26	ND949046-2040	. BOLT.....	3	128788-
27	ND949006-5470	. SCREW.....	1	128788-
28	ND949006-5460	. SCREW.....	6	128788-

FIG. A621P-01B2 STARTING MOTOR (2.5KW)

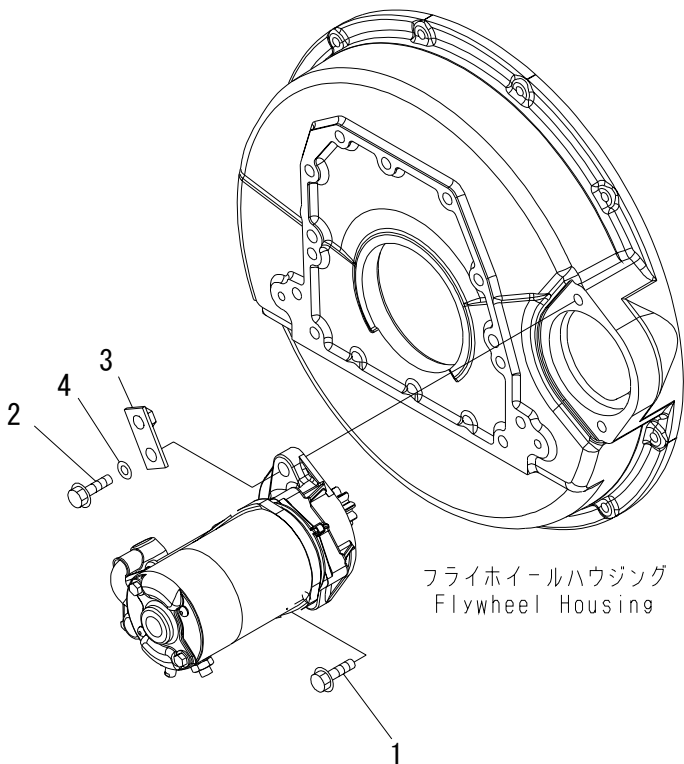


P 4 F 9 5 4 0

FIG NO. : A621P-01B2

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	600-813-1320	STARTING MOTOR ASS' Y.....	1	128788-

FIG. A621S-01C0 STARTING MOTOR MOUNTING



P 4 F 9 5 3 8

FIG NO. : A621S-01C0

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	01435-01235	BOLT.....	1	128788-
2	01435-01240	BOLT.....	1	128788-
3	426-01-11310	BRACKET.....	1	128788-
4	01643-31232	WASHER.....	1	128788-

FIG. A8119-A0A1 CYLINDER HEAD GASKET KIT

KIT

詳細については次のページを参照して下さい。
See subsequent pages for details.

K-1 6205-K1-3100 シリンダ ヘッド ガasket キット
CYLINDER HEAD GASKET KIT

このガasketキットは、キット区分ごとの基本セットです。
部品明細書中、キットの記号が付いていない消耗部品は、お手数ですが単品にて手配下さい。

This kit basis to the gasket kit.
Thers not kit mark parts articles of consumption single order.

P 4 F 9 5 4 3

FIG NO. : A8119-A0A1

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	6205-K1-3100	GASKET KIT, CYLINDER HEAD.....	1	128788-
	07003-01015	. GASKET.....	2	128788-
	07005-01412	. GASKET.....	2	128788-
	07005-01612	. GASKET.....	1	128788-
	6136-11-8142	. RUBBER.....	3	128788-
	6140-11-6331	. GASKET.....	1	128788-
	6204-11-1840	. GASKET.....	1	128788-
	6204-11-3850	. SEAL.....	4	128788-
	6204-11-3880	. GASKET.....	4	128788-
	6204-11-4850	. GASKET.....	2	128788-
	6204-11-8810	. O-RING.....	1	128788-
	6204-21-6820	. GASKET.....	1	128788-
	6204-41-4541	. SEAL.....	8	128788-
	6204-61-1910	. RING.....	1	128788-
	6204-61-1960	. GASKET.....	1	128788-
	6205-11-5580	. GASKET.....	2	128788-
	6205-11-5811	. GASKET.....	1	128788-
	6205-51-7611	. GASKET.....	1	128788-
	6206-61-1740	. GASKET.....	1	128788-
	6215-81-9720	. O-RING.....	1	128788-
	6271-11-5850	. GASKET.....	1	128788-

FIG. A8119-B0A9 CYLINDER BLOCK GASKET KIT

KIT

詳細については次のページを参照して下さい。
See subsequent pages for details.

K-2 6205-K2-3100 シリンダ ブロック ガasket キット
CYLINDER BLOCK GASKET KIT

このガasketキットは、キット区分ごとの基本セットです。
部品明細書中、キットの記号が付いていない消耗部品は、お手数ですが単品にて手配下さい。

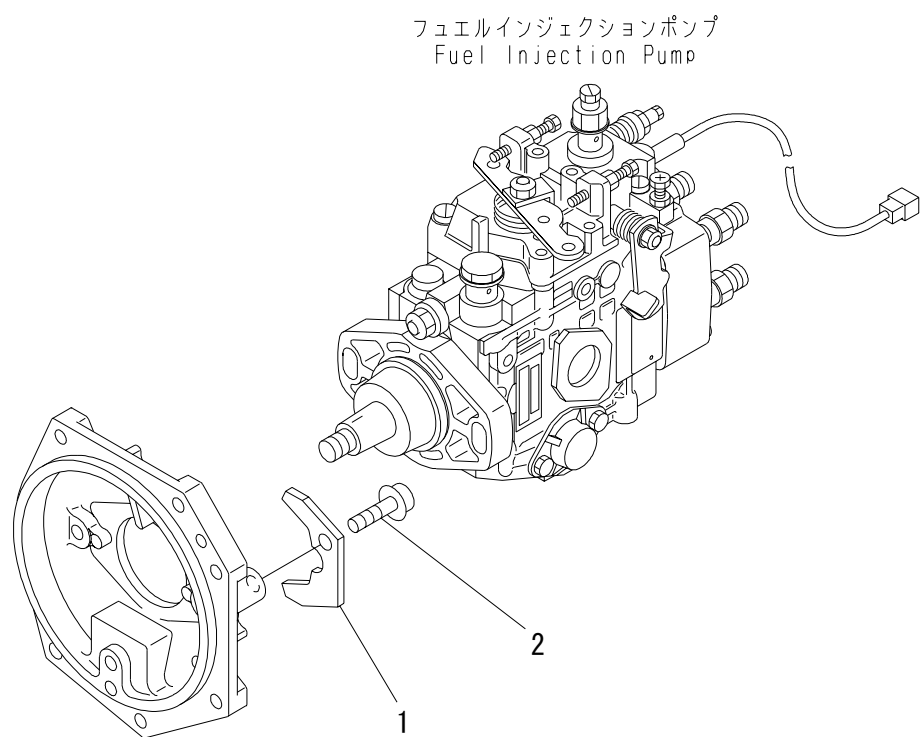
This kit basis to the gasket kit.
Thers not kit mark parts articles of consumption single order.

P 4 F 9 5 4 4

FIG NO. : A8119-BOA9

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
2	6205-K2-3100	GASKET KIT, CYLINDER BLOCK.....	1	128788-
	02896-61018	. O-RING.....	2	128788-
	07000-02085	. O-RING.....	1	128788-
	07000-02135	. O-RING.....	2	128788-
	07000-13050	. O-RING.....	2	128788-
	07000-72070	. O-RING.....	2	128788-
	07002-62434	. O-RING.....	4	128788-
	07003-01015	. GASKET.....	2	128788-
	07005-00812	. GASKET.....	1	128788-
	07005-01212	. GASKET.....	4	128788-
	07005-01412	. GASKET.....	6	128788-
	07005-02216	. GASKET.....	1	128788-
	6140-21-1341	. SEAL.....	1	128788-
	6162-53-5430	. PACKING.....	1	128788-
	6204-21-3510	. SEAL.....	1	128788-
	6204-21-6820	. GASKET.....	1	128788-
	6204-51-6122	. O-RING.....	1	128788-
	6204-61-1910	. RING.....	1	128788-
	6204-71-7220	. O-RING.....	1	128788-
	6204-71-7240	. O-RING.....	1	128788-
	6205-51-7611	. GASKET.....	1	128788-
	6205-61-5420	. O-RING.....	1	128788-
	6206-21-3840	. GASKET.....	1	128788-
	6206-61-1740	. GASKET.....	1	128788-
	6208-61-5420	. GASKET.....	1	128788-

FIG. A9640-A0B2 TAMPER PROOF

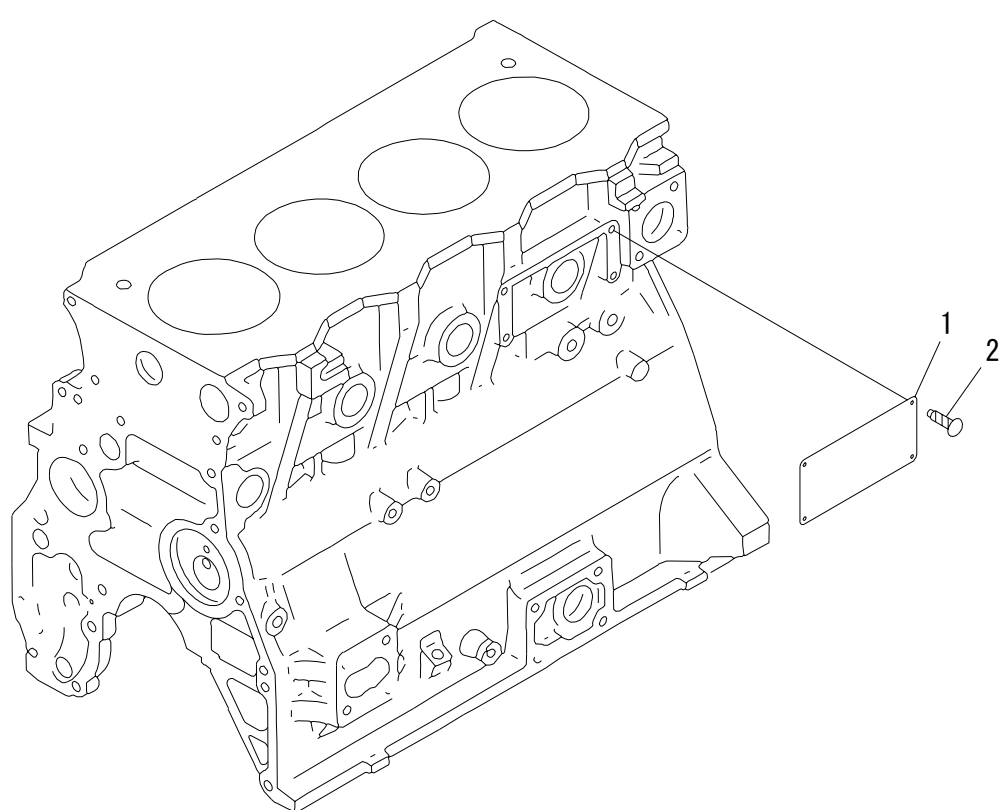


P 4 F 9 5 2 6

FIG NO. : A9640-A0B2

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	(★6204-71-3810)	PLATE.....	1	128788-
2	(★600-311-1810)	BOLT.....	1	128788-

FIG. A9850-A0B9 NAME PLATE AND CAUTION (ENGLISH)



P 4 F 9 5 2 7

FIG NO. : A9850-A0B9

INDEX	PART NO.	DESCRIPTION	Q' TY	SERIAL NO.
1	600-023-2340	PLATE, NAME, (LIMITED SUPPLY).....	1	128788-
2	04418-02550	SCREW.....	4	128788-

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DK026508-1140	A4010-B0Z1	18	AA- 75
DK026508-1140	A4010-D0Z1	29	AA- 83
DK029470-4030	A4010-D0Z1	32	AA- 83
DK104641-7460	A4010-B0Z1	1	AA- 75
DK104641-7460	A4010-C0Z1	1	AA- 79
DK104641-7460	A4010-D0Z1	1	AA- 81
DK139006-4800	A4010-C0Z1	19	AA- 79
DK139104-0000	A4010-D0Z1	3	AA- 81
DK139106-0100	A4010-D0Z1	26	AA- 83
DK139106-0200	A4010-C0Z1	28	AA- 80
DK139308-0300	A4010-C0Z1	23	AA- 79
DK139310-0200	A4010-C0Z1	4	AA- 79
DK139512-0500	A4010-B0Z1	36	AA- 77
DK139512-0500	A4010-C0Z1	30	AA- 80
DK146018-9720	A4010-B0Z1	1	AA- 75
DK146100-0120	A4010-D0Z1	1	AA- 81
DK146103-0000	A4010-D0Z1	2	AA- 81
DK146110-0220	A4010-B0Z1	34	AA- 77
DK146114-0000	A4010-B0Z1	35	AA- 77
DK146120-0120	A4010-C0Z1	29	AA- 80
DK146125-0020	A4010-B0Z1	37	AA- 77
DK146200-0800	A4010-D0Z1	4	AA- 81
DK146200-0820	A4010-D0Z1	4	AA- 81
DK146201-0000	A4010-D0Z1	5	AA- 81
DK146202-0100	A4010-D0Z1	6	AA- 81
DK146203-0000	A4010-D0Z1	7	AA- 81
DK146204-0000	A4010-D0Z1	8	AA- 81
DK146205-0301	A4010-D0Z1	11	AA- 81
DK146210-5720	A4010-D0Z1	10	AA- 81
DK146210-8820	A4010-D0Z1	9	AA- 81
DK146220-2620	A4010-D0Z1	12	AA- 81
DK146230-0000	A4010-D0Z1	13	AA- 81
DK146230-0100	A4010-D0Z1	14	AA- 81
DK146231-0001	A4010-D0Z1	15	AA- 81
DK146232-1520	A4010-D0Z1	37	AA- 84
DK146233-0000	A4010-D0Z1	16	AA- 81
DK146234-0600	A4010-D0Z1	18	AA- 82
DK146300-0100	A4010-B0Z1	6	AA- 75
DK146301-0000	A4010-B0Z1	7	AA- 75
DK146302-1900	A4010-B0Z1	9	AA- 75
DK146303-0000	A4010-B0Z1	2	AA- 75
DK146304-0000	A4010-B0Z1	3	AA- 75
DK146305-0000	A4010-B0Z1	4	AA- 75
DK146310-0700	A4010-B0Z1	12	AA- 75
DK146310-5100	A4010-B0Z1	14	AA- 75
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DK146420-0600	A4010-D0Z1	21	AA- 82
DK146420-0700	A4010-D0Z1	21	AA- 82
DK146420-0800	A4010-D0Z1	21	AA- 82
DK146420-0900	A4010-D0Z1	21	AA- 82
DK146420-1000	A4010-D0Z1	21	AA- 82
DK146420-1100	A4010-D0Z1	21	AA- 82
DK146420-1200	A4010-D0Z1	21	AA- 82
DK146420-1300	A4010-D0Z1	21	AA- 82
DK146420-1400	A4010-D0Z1	21	AA- 82
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DK146420-1600	A4010-D0Z1	21	AA- 82
DK146420-1700	A4010-D0Z1	21	AA- 82
DK146420-1800	A4010-D0Z1	21	AA- 82
DK146420-1900	A4010-D0Z1	21	AA- 82
DK146420-2000	A4010-D0Z1	21	AA- 82
DK146420-2100	A4010-D0Z1	21	AA- 82
DK146420-2200	A4010-D0Z1	21	AA- 82
DK146420-2300	A4010-D0Z1	21	AA- 82
DK146420-2400	A4010-D0Z1	21	AA- 82
DK146420-2500	A4010-D0Z1	21	AA- 82
DK146420-2600	A4010-D0Z1	21	AA- 82
DK146420-2700	A4010-D0Z1	21	AA- 82
DK146420-2800	A4010-D0Z1	21	AA- 83
DK146420-2900	A4010-D0Z1	21	AA- 83
DK146420-3000	A4010-D0Z1	21	AA- 83
DK146420-3100	A4010-D0Z1	21	AA- 83
DK146420-3200	A4010-D0Z1	21	AA- 83
DK146420-3300	A4010-D0Z1	21	AA- 83
DK146420-3400	A4010-D0Z1	21	AA- 83
DK146420-3500	A4010-D0Z1	21	AA- 83
DK146420-3600	A4010-D0Z1	21	AA- 83
DK146420-3700	A4010-D0Z1	21	AA- 83
DK146420-3800	A4010-D0Z1	21	AA- 83
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DK146420-4600	A4010-D0Z1	21	AA- 83
DK146420-4700	A4010-D0Z1	21	AA- 83
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DK146420-5500	A4010-D0Z1	21	AA- 83
DK146420-5600	A4010-D0Z1	21	AA- 83
DK146420-5700	A4010-D0Z1	21	AA- 83
DK146420-5800	A4010-D0Z1	21	AA- 83
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DK146508-1022	A4010-C0Z1	1	AA- 79
DK146515-0220	A4010-C0Z1	2	AA- 79
DK146515-1820	A4010-C0Z1	8	AA- 79
DK146526-2800	A4010-C0Z1	15	AA- 79
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DK146530-0000	A4010-C0Z1	5	AA- 79
DK146530-0100	A4010-C0Z1	5	AA- 79
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DK146545-4700	A4010-C0Z1	24	AA- 79
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DK146569-0300	A4010-B0Z1	19	AA- 75
DK146570-0520	A4010-B0Z1	20	AA- 75
DK146571-0000	A4010-B0Z1	22	AA- 75
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DK146571-0400	A4010-B0Z1	22	AA- 75
DK146571-0500	A4010-B0Z1	22	AA- 75
DK146571-0600	A4010-B0Z1	22	AA- 75
DK146571-0700	A4010-B0Z1	22	AA- 75
DK146571-0800	A4010-B0Z1	22	AA- 75
DK146572-0020	A4010-B0Z1	24	AA- 75
DK146574-0320	A4010-B0Z1	29	AA- 76
DK146576-0400	A4010-B0Z1	27	AA- 76
DK146580-1400	A4010-B0Z1	31	AA- 76
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DK146598-0900	A4010-C0Z1	31	AA- 80
DK146598-5000	A4010-C0Z1	25	AA- 79
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DK146600-0400	A4010-B0Z1	21	AA- 75
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DK146600-0600	A4010-B0Z1	32	AA- 76
DK146600-0700	A4010-B0Z1	33	AA- 76
DK146600-0800	A4010-B0Z1	11	AA- 75
DK146600-0800	A4010-B0Z1	5	AA- 75
DK146600-1120	A4010-B0Z1	42	AA- 77
DK146600-1200	A4010-C0Z1	26	AA- 79
DK146600-1700	A4010-D0Z1	34	AA- 84
DK146600-4400	A4010-C0Z1	21	AA- 79
DK146601-1100	A4010-B0Z1	39	AA- 77
DK146602-0100	A4010-C0Z1	11	AA- 79
DK146602-0600	A4010-B0Z1	23	AA- 75
DK146602-2600	A4010-B0Z1	25	AA- 75
DK146603-0000	A4010-D0Z1	17	AA- 81
DK146603-0100	A4010-D0Z1	17	AA- 81
DK146603-0200	A4010-D0Z1	17	AA- 81
DK146603-0300	A4010-D0Z1	17	AA- 81
DK146603-0400	A4010-D0Z1	17	AA- 81
DK146603-0500	A4010-D0Z1	17	AA- 81
DK146603-0600	A4010-D0Z1	17	AA- 81
DK146603-0700	A4010-B0Z1	10	AA- 75
DK146603-0700	A4010-B0Z1	8	AA- 75
DK146603-0800	A4010-B0Z1	10	AA- 75
DK146603-0900	A4010-B0Z1	10	AA- 75
DK146603-1000	A4010-B0Z1	10	AA- 75
DK146603-1100	A4010-B0Z1	10	AA- 75
DK146603-3600	A4010-B0Z1	10	AA- 75
DK146614-0200	A4010-B0Z1	38	AA- 77
DK146620-5000	A4010-B0Z1	13	AA- 75
DK146620-5000	A4010-B0Z1	15	AA- 75
DK146621-1000	A4010-D0Z1	36	AA- 84
DK146621-1700	A4010-C0Z1	13	AA- 79
DK146621-1700	A4010-C0Z1	14	AA- 79
DK146650-1220	A4010-D0Z1	33	AA- 84
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DK146690-6400	A4010-D0Z1	17	AA- 81
DK146690-6500	A4010-D0Z1	17	AA- 81
DK146690-6600	A4010-D0Z1	17	AA- 82
DK146690-6700	A4010-D0Z1	17	AA- 82
DK146690-6800	A4010-D0Z1	17	AA- 82
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DK146690-7300	A4010-D0Z1	17	AA- 82
DK146690-7400	A4010-D0Z1	17	AA- 82
DK146690-7500	A4010-D0Z1	17	AA- 82
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DK146821-9720	A4010-C0Z1	1	AA- 79
DK146832-1500	A4010-C0Z1	5	AA- 79
DK146832-1600	A4010-C0Z1	5	AA- 79
DK146877-0820	A4010-B0Z1	28	AA- 76
DK146877-0920	A4010-B0Z1	28	AA- 76
DK146877-1020	A4010-B0Z1	28	AA- 76
DK146877-1120	A4010-B0Z1	28	AA- 76
DK146877-1220	A4010-B0Z1	28	AA- 76
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DK146877-1620	A4010-B0Z1	28	AA- 76
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DK146877-2520	A4010-B0Z1	28	AA- 76
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DK146877-2720	A4010-B0Z1	28	AA- 76
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DK146877-4220	A4010-B0Z1	28	AA- 76
DK146879-4120	A4010-B0Z1	30	AA- 76
DK146891-1220	A4010-B0Z1	16	AA- 75
DK146976-2400	A4010-B0Z1	26	AA- 76
DK146984-6100	A4010-B0Z1	40	AA- 77
DK150508-5900	A4210-B0F5	2	AA- 93
DK150524-4600	A4210-B0F5	6	AA- 93
DK150560-0400	A4210-B0F5	3	AA- 93
DK150562-4300	A4210-B0F5	4	AA- 93
DK150591-1000	A4210-B0F5	5	AA- 93
DK150591-2000	A4210-B0F5	5	AA- 93
DK150591-3000	A4210-B0F5	5	AA- 93
DK150591-4000	A4210-B0F5	5	AA- 93
DK150591-5000	A4210-B0F5	5	AA- 93
DK150591-5100	A4210-B0F5	5	AA- 93
DK150591-5200	A4210-B0F5	5	AA- 93
DK150591-5300	A4210-B0F5	5	AA- 93
DK150591-5400	A4210-B0F5	5	AA- 93
DK150591-5500	A4210-B0F5	5	AA- 93
DK150591-5600	A4210-B0F5	5	AA- 93
DK150591-5700	A4210-B0F5	5	AA- 93
DK150591-5800	A4210-B0F5	5	AA- 93
DK150591-5900	A4210-B0F5	5	AA- 93
DK150655-0000	A4210-B0F5	7	AA- 93
ND021045-0530	A6010-B0S2A	4	AA- 115
ND021045-0700	A6010-B0S2A	25	AA- 115
ND021100-3900	A6010-B0S2A	1	AA- 115
ND021200-5141	A6010-B0S2A	21	AA- 115
ND021401-5280	A6010-B0S2A	2	AA- 115
ND021411-0500	A6010-B0S2A	3	AA- 115
ND021501-5330	A6010-B0S2A	8	AA- 115
ND021506-0070	A6010-B0S2A	23	AA- 115
ND021551-2370	A6010-B0S2A	14	AA- 115
ND021580-3130	A6010-B0S2A	9	AA- 115
ND021605-1650	A6010-B0S2A	16	AA- 115
ND021620-2201	A6010-B0S2A	10	AA- 115
ND021626-0240	A6010-B0S2A	12	AA- 115
ND021660-0510	A6010-B0S2A	10	AA- 115
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