

PARTS BOOK

Product: KOMATSU PC210-3KP, PC210LC-3KP, PC240-3KP, PC240LC-3KP, PC240NLC-3KP Hydraulic Excavator Service Repair Parts Manual
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PC210-3KP

PC210LC-3KP

PC240-3KP

PC240LC-3KP

PC240NLC-3KP

SERIAL NUMBERS

PC210-3KP	K15001 AND UP
PC210LC-3KP	K15001 AND UP
PC240-3KP	K15001 AND UP
PC240LC-3KP	K15001 AND UP
PC240NLC-3KP	K15001 AND UP

KOMATSU

Product: KOMATSU PC210-3KP,PC210LC-3KP,PC240-3KP,PC240LC-3KP,PC240NLC-3KP Hydraulic Excavator Service Manual
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FOREWORD

When ordering a part, please specify the model number, the engine serial number and the reading of the service meter.

For complete understanding, the parts list is written as follows:

Fig. number	Codes
<p>Description</p> <p>Figure numbers are not continuous.</p> <p>“.” is put in front of the name of an assembly component and the item is entered next to the assembly. If a part marked with “.” is an assembly, its component is marked with “.”.</p>	<p>☆ Supplied as a set rather than singly.</p> <p>★ Supplied as a set rather than singly. It is supplied singly by specific dealers only.</p> <p>⊙ Part group. This part is not considered a supply part.</p>
<p>Quantity</p> <p>The number of pieces per set used for assembly is specified.</p> <p>For assembly or part group components, the number of pieces per assembly is specified.</p>	<p>= = = = The parts surrounded by this line are components of the part group specified above.</p>
<p>Serial number</p> <p>The engine or machine serial number in which the part is used.</p>	<p>G-1, G-2 Part group numbers.</p>
<p>Machine code</p> <p>The codes in parentheses shown in the table of contents or figure represent models as follows.</p> <p>—STD PC240-6K —LC PC240LC-6K —NLC PC240NLC-6K</p>	<p>KIT Kit components. For kit components, please refer to the service kit table.</p>
<p>Codes</p> <p>The codes and part numbers specified in the “Part No.” and “Part Name” columns represent the following:</p> <p><input type="checkbox"/> The part specified in the line above is applicable instead of this part.</p> <p><input checked="" type="checkbox"/> This part is applicable instead of the part specified in the line immediately above.</p> <p>◆ This part and the part specified in the line immediately above are interchangeable.</p> <p><input checked="" type="checkbox"/> This part is not supplied anymore. The part specified in the above line is supplied instead.</p> <p>■ The part specified in the “Part Name” column is applicable instead of this part if it is used as a set.</p> <p>▼ This part is not supplied anymore. The part specified in the “Part Name” column is supplied instead as a set.</p> <p>△ Part supplied as semi-finished. It must be reworked before use.</p>	<p>PAINT (1) Parts shipped painted with undercoat.</p> <p>PAINT (2) Parts shipped with different colors.</p> <p>(A) Cold weather (A) spec. (−30°C)</p> <p>(B) Cold weather (B) spec. (−50°C)</p>

This parts list specifies not only standard accessories but also optional parts and attachments.

To order a part, please contact your nearest Komatsu dealer.

AVANT-PROPOS

Lorsque vous passez une commande pour une pièce détachée, vous êtes prié de spécifier le numéro du modèle, le numéro de série du moteur et la lecture du compteur de service.

Pour une complète compréhension, la liste des pièces est écrite comme suit:

Numéro de Fig.

Les numéros des figures ne sont pas corrélatifs.

Description

“.” est placé avant le nom de la composante d'assemblage et l'élément est entré à côté de l'assemblage. Si la pièce marquée d'un “.” est un assemblage, ses composants sont marquées d'un “.”.

Quantité

Le nombre de pièces par jeu utilisé pour l'assemblage est spécifié. Pour l'assemblage ou groupe de pièces composantes, le nombre de pièces par assemblage est spécifié.

Numéro de série

Le numéro de série du moteur ou machine dans lequel la pièce est utilisée.

Code de machine

Les codes mis entre parenthèses indiqués dans la table des matières ou les chiffres représentent des modèles comme ci-après:

--STD PC240-6K
 --LC PC240LC-6K
 --NLC PC240NLC-6K

Codifications

Les codifications et numéros de pièce spécifiés dans les colonnes “No. de Pièce” et “Nom de Pièce” représentent le suivant:

La pièce spécifiée dans la ligne ci-dessus est applicable au lieu de cette pièce.

Cette pièce est applicable au lieu de la pièce spécifiée dans la ligne immédiatement au-dessus.

◆ Cette pièce et la pièce spécifiée dans la ligne immédiatement au-dessus sont interchangeableables.

Cette pièce n'est plus fournie. A sa place, la pièce spécifiée dans la ligne ci-dessus est fournie.

■ La pièce spécifiée dans la colonne “Nom de Pièce” est applicable à la place de cette pièce lorsque la pièce est utilisée comme un jeu.

▼ Cette pièce n'est plus fournie. La pièce spécifiée dans la colonne “Nom de Pièce” est fournie à sa place comme un jeu.

△ Pièce fournie en semi-finition. Elle doit être usinée avant l'utilisation.

Codifications

☆ Fourni comme un jeu plutôt qu'en unité.

★ Fourni comme un jeu plutôt qu'en unité. Est fourni en unité seulement par des fournisseurs spécifiques.

⊙ Groupe de pièces. Cette pièce n'est pas considérée comme une pièce de fourniture.

=== Les pièces entourées de cette ligne sont composantes du groupe de pièces spécifié ci-dessus.

G-1, G-2 Numéros de groupe de pièces.

KIT Composants de trousse. Pour les composants de trousse, consultez la table des troussees de service.

PEINTURE (1) Pièces expédiées avec une sous-couche de peinture.

PEINTURE (2) Pièces expédiées en différentes couleurs.

(A) Caract. temps froid (A) (-30°C)

(B) Caract. temps froid (B) (-50°C)

Cette liste de pièces ne spécifie pas seulement les accessoires standard, mais aussi les pièces et accessoires en option.

Pour passer une commande de pièce, vous êtes prié de prendre contact avec votre fournisseur Komatsu le plus proche.

VORWORT

Bei der Bestellung von Teilen bitte die Modellnummer, die Seriennummer des Motors und den Stand des Betriebsstundenzählers angeben.

Um Fehler bei der Bestellung zu vermeiden, die folgenden Hinweise beachten:

Bild Nr. Beschreibung	Zeichen	
Menge	☆	Dieses Teil wird nicht als Einzelteil, sondern nur als Bausatz geliefert.
Serien-Nr.	★	Dieses Teil wird nicht als Einzelteil, sondern nur als Bausatz geliefert und kann nur über bestimmte Händler als Einzelteil bezogen werden.
Maschinen-Code	◎	Baugruppe; wird nicht zu den Ersatzteilen gerechnet.
Zeichen	= = =	Die Teile innerhalb dieser Markierung gehören zur oben aufgeführten Baugruppe.
	G-1, G-2	Baugruppen-Nr.
	KIT	Dieses Teil ist nur als Satz erhältlich. Siehe Auflistung der als Satz gelieferten Ersatzteile.
	FARBE (1)	Gelieferte Teile mit Grundierung.
	FARBE (2)	Gelieferte Teile in unterschiedlichen Farben.
	(A)	Spezifikation für kalte Witterung (–30°C) (A)
	(B)	Spezifikation für kalte Witterung (–50°C) (B)

In dieser Ersatzteilliste ist das Standard- und Sonderzubehör aufgeführt. Bestellungen nimmt Ihr zuständiger Komatsu-Händler entgegen.

PROLOGO

Cuando solicite una parte, sírvase especificar el número de modelo, el número de serie del motor y la lectura del serviciómetro.

Para un completo entendimiento, la lista de partes está redactada de la siguiente manera:

Número de fig.	Los números de figura no son continuos.
Descripción	"•" se coloca enfrente del nombre de un componente de conjunto y el ítem se ingresado luego al conjunto. Si una parte marcada con "•" es un conjunto, su componente está marcado con "••".
Cantidad	Se especifica el número de piezas por juego utilizadas para un conjunto. Se especifica para un conjunto o componentes de grupo de parte, el número de piezas por conjunto.
Número de serie	El número de serie del motor o máquina en que se utiliza la parte.
Código de máquina	Los códigos en paréntesis que se muestran en el índice o en la figura representan los modelos de la manera siguiente: —STD PC240-6K —LC PC240LC-6K —NLC PC240NLC-6K
Códigos	Los códigos y números de parte especificados en las columnas "No. de Parte" y "Nombre de Parte" representan lo siguiente: <input type="checkbox"/> La parte especificada en la línea anterior es aplicable en lugar de esta parte. <input type="checkbox"/> Esta parte es aplicable en lugar de la parte especificada en la línea inmediatamente anterior. <input checked="" type="checkbox"/> Esta parte y la parte especificada en la línea inmediatamente anterior son intercambiables. <input checked="" type="checkbox"/> Esta parte se ha dejado de suministrar. En lugar de ésta, se suministra la parte especificada en la línea anterior. <input checked="" type="checkbox"/> La parte especificada en la columna "Nombre de Parte" es aplicable en lugar de esta parte si se utiliza como un conjunto. <input checked="" type="checkbox"/> Esta parte se ha dejado de suministrar. En lugar de ésta, se suministra la parte especificada en la columna "Nombre de Parte" como un conjunto. <input type="checkbox"/> Parte suministrada como semi-terminada. Tiene que ser modificada antes del uso.

Códigos

☆	Suministrado como un conjunto en lugar de individualmente.
★	Suministrado como un conjunto en lugar de individualmente. Es suministrado individualmente por distribuidores específicos solamente.
⊙	Grupo de parte. Esta parte no es considerada una parte de suministro.
== ==	Las partes rodeadas por esta línea son componentes del grupo de partes especificado antes.
G-1, G-2	Números de grupo de partes.
KIT	Componentes de juego. Para componentes de juego, sírvase referirse al cuadro de juego de servicio.
PINTURA (1)	Las piezas embarcadas tienen una primera mano de pintura.
PINTURA (2)	Las piezas embarcadas son de diferentes colores.
(A)	Espec. Tiempo frío (A) (-30°C)
(B)	Espec. Tiempo frío (B) (-50°C)

Esta lista de partes específica no solamente accesorios normales sino también partes y accesorios opcionales.
Para solicitar una parte, sírvase comunicarse con su distribuidor Komatsu más cercano.

PREFÁCIO

Para solicitar uma peça sobressalente, favor especificar o número do modelo, o número de série do motor e a leitura do medidor de serviço.

Para uma fácil compreensão, a lista de peças sobressalentes é indicada como segue:

	Códigos
Número do desenho	Os números dos desenhos nem sempre são contínuos.
Descrição	Todos os componentes e peças que compõem o conjunto levam o sinal “•” na frente do seu nome, e vêm discriminados em seguida ao nome do conjunto. Além disso, se o componente com o sinal “•” já for um conjunto, seus componentes vêm marcados com o sinal “••”.
Quantidade	Está especificada a quantidade de componentes utilizados em um conjunto. Contudo, no caso de peças de montagem ou de grupo de peças, está especificada a quantidade de componentes por conjunto.
Número de série	Está especificado o número da série do motor ou da máquina no qual a peça sobressalente é usada.
Código da máquina	Os códigos em parêntesis mostrados na tabela de conteúdo ou os desenhos representam modelos como se segue. —STD PC240-6K —LC PC240LC-6K —NLC PC240NLC-6K
Códigos	Os códigos e números de peças sobressalentes especificados na coluna de “Nome da Peça” e do “Nome de Peça” representa o seguinte: <input type="checkbox"/> Pode-se usar a peça especificada na linha acima, no lugar desta. <input checked="" type="checkbox"/> Esta peça pode ser usada no lugar da peça especificada na linha imediatamente acima. <input checked="" type="checkbox"/> Esta peça e aquela especificada na linha imediatamente acima são intercambiáveis. <input checked="" type="checkbox"/> Esta peça não é mais fornecida. No lugar desta, é fornecida a peça especificada na linha imediatamente acima. <input checked="" type="checkbox"/> A peça especificada na coluna de “Nome de Peça” pode ser utilizada no lugar desta, se aquela for usada como conjunto. <input checked="" type="checkbox"/> Esta peça não é mais fornecida. A peça especificada na coluna de “Nome da Peça” é fornecida no lugar desta, como conjunto. <input type="checkbox"/> Esta peça é fornecida como semi-acabada. Necessita de um trabalho adicional antes de sua utilização.
	<p>☆ Não é fornecida somente a peça, e sim em conjunto.</p> <p>★ Não é fornecida somente a peça, e sim em conjunto. Porém, pode ser fornecida somente a revendedores especiais.</p> <p>⊙ Especifica o grupo de peças. Estas peças não são consideradas peças de suprimento.</p> <p>= = = As peças circundadas com esta linha são componentes do grupo de peças especificadas acima.</p> <p>G-1, G-2 Número de grupo de peças.</p> <p>KIT Componentes de “kits”. Para peças que compõem o “kit”, favor consultar a tabela de “kit” de serviço.</p> <p>PINTURA (1) Peças embarcadas, pintadas com tinta base.</p> <p>PINTURA (2) Peças embarcadas, pintadas com cores diferentes.</p> <p>(A) Tempo frio (A) esp. (-30°C)</p> <p>(B) Tempo frio (B) esp. (-50°C)</p> <p>Esta lista de peças sobressalentes especifica não apenas os acessórios padrões e sim também, as peças opcionais e os pertences. Para solicitar uma peça sobressalente, favor entrar em contato com o seu revendedor Komatsu mais próximo.</p>

تقديم

رموز الدلالة

☒ هذه القطعة توقف تزويدها. ويتم تزويد القطعة المينة في السطر السابق بدلا منها.

■ القطعة المينة في عمود "اسم القطعة" يمكن استخدامها بدلا من هذه القطعة إذا استعملت كجموعة.

▼ هذه القطعة توقف تزويدها. والقطعة المينة في عمود "اسم القطعة" مستخدمة بدلا منها كجموعة.

△ يتم تزويد القطعة شبه منتهية الصنع. ويجب إسهاء تصنيعها قبل الاستعمال.

☆ يتم تزويدها كجموعة وليس أفراديا.

★ يتم تزويدها كجموعة وليس أفراديا. يمكن تزويدها أفراديا بواسطة بائعين معينين فقط.

⊙ مجموعة قطع. هذه القطعة لا تعتبر قطعة في التزويد.

==== القطع المحاطة بهذا الخط هي مكونات لجموعة القطع المينة سابقا.

G-1, G-2 أرقام مجموعات القطع.

KIT أجزاء مكونة لطقم. لمكونات الطقم، يرجى الرجوع الى جدول طقم الخدمة.

الطلاء (1) أجزاء شحنت مطلية مع تغطية سفلية

الطلاء (2) أجزاء شحنت مع ألوان مختلفة

(A) الجو البارد (A) المواصفات (M 300)

(B) الجو البارد (B) المواصفات (M 500)

هذه القائمة للقطع لا تحدد فقط الملحقات القياسية، بل أيضا القطع والبروفات الاختيارية.

لطلب قطعة غيار، يرجى الاتصال بأقرب موزع لكوماتسو لديكم.

عند طلب قطع الغيار، يرجى تحديد رقم الموديل، رقم التسلسل للمحرك وقراءة عداد الخدمة.

وللهم الكامل فان قائمة قطع الغيار كتبت كالتالي :

أرقام الأشكال ليس من الضروري أن تكون متتالية.

الوصف
توضع العلامة " " أمام إسم الجزء من مجموعة وتدخل المادة بعد المجموعة. وإذا كانت قطعة الغيار ذات العلامة " " هي مجموعة أجزاء، فان مكوناتها يشار إليها بالعلامة "...".

الكمية
يحدد عدد القطع المستخدمة في التجميع بكل مجموعة. ومن أجل المجموعة أو الأجزاء المكونة لمجموعات، فانه يحدد عدد القطع لكل مجموعة.

رقم التسلسل المحرك أو الماكينة التي تستعمل فيها القطعة.

رمز الآلة :
الرموز الموجودة بين قوسين موضحة في جدول الخيارات أو الأرقام الملتصقة للموديلات هي كما يلي:

—STD PC240-6K
—LC PC240LC-6K
—NLC PC240NLC-6K

رموز الدلالة
كما يلي :

☐ القطعة المينة في السطر السابق يمكن استخدامها بدلا من هذه القطعة.

☒ هذه القطعة يمكن استخدامها بدلا من القطعة المينة في السطر السابق مباشرة.

◆ هذه القطعة والقطعة المينة في السطر السابق مباشرة هما قابلتان للتبادل.

При оформлении заказа деталей, узлов и агрегатов просьба сообщить серийный номер машины и двигателя, а также показание счетчика мото-часов.

Каталог деталей составлен в следующем порядке:

- № рисунка рисунка не порядковый.
- Наименование Точка " " поставлена перед наименованием каждой составной части агрегата. Если составная часть состоит из множества деталей, то эти детали обозначаются двумя точками " ".
- Количество Указано количество агрегатов на машину.
- Серийные номера Для составных частей агрегата указано их количество на агрегат. Это серийные номера машин или двигателей, на которые рассчитаны настоящий каталог.
- Модель машины Условные обозначения, приведенные в скобках, обозначают следующую модель машины.
 ---STD ... PC240-6K
 ---LC PC240LC-6K
 ---NLC ... PC240NLC-6K
- Условные обозначения Условные обозначения, приведенные в графах "№ детали" и "Наименование детали", указывают, что:
 - Вышеприведенная деталь может заменить настоящую деталь.
 - Деталь может заменить деталь, которая приведена не- посредственно выше.
 - ◆ Настоящая деталь и деталь, приведенная непосредствен- но выше, имеют взаимозаменяемость.
 - Эта деталь в настоящее время не поставляется.
 - Взамен этой детали поставляется Деталь, которая при- ведена непосредственно выше.
 - Деталь, приведенная в графе "Наименование Детали", может применяться в комплекте взамен настоящей Детали.
 - ▼ Эта деталь в настоящее время не поставляется.
 - Взамен этой Детали поставляется Деталь, приведенная в графе "Наименование Детали", в комплекте.
 - △ Деталь в неготовом виде. Перед употреблением необхо- димо ее обработать.
 - ☆ Поставляется в основном в комплекте, а не в отдель- ности.

Условные обозначения

- ★ Поставляется в основном в комплекте, а не в от- дельности. Ее отдельная поставка производится только по специальному заказу.
 - ◎ Деталь группы. Эта деталь не поставляется.
 - === Детали, ограниченные этой линией, составляющие вышеприведенной группы деталей.
 - G-1, G-2 №№ групп деталей.
 - KIT Составляющая комплекта. См. таблицу ремонтных комплектов.
 - Покрытие (1) Детали, отгружаемые после грунтовки.
 - Покрытие (2) Детали, отгружаемые после окраски различного цвета
 - (A) Соверное исполнение (A) (-30°C)
 - (B) Соверное исполнение (B) (-50°C)
- В настоящей таблице приведены не только стандартные принад- лежности, но и детали и агрегаты, поставляемые по специальному заказу.
- При необходимости обратиться к местному представительству фирмы "Комачу".

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INSTRUMENT PANEL (1/2)	1421	1-58	HYDRAULIC PIPING (SWIVEL JOINT TO/FROM TRAVEL MOTOR) (PC210)	2211	2-20
INSTRUMENT PANEL (2/2)	1423	1-60	HYDRAULIC PIPING (SWIVEL JOINT TO/FROM TRAVEL MOTOR) (PC240)	2213	2-22
ELECTRICAL SYSTEM (RELATED PARTS)	1431	1-62	TRAVEL CONTROL LEVER AND LINKAGE (1/2)	2315	2-24
ELECTRICAL SYSTEM (WIRING) (1/2)	1437	1-64	TRAVEL CONTROL LEVER AND LINKAGE (2/2)	2317	2-26
(WITHOUT AUTO DECELERATION)			FINAL DRIVE (PC210)	2401	2-28
(WITH SWING MECHANICAL BRAKE)			FINAL DRIVE (PC240)	2403	2-32
(FOR 3-STAGE SELECTOR MODE OLSS)			30. UNDER CARRIAGE		
			TRACK FRAME (PC210)	3001	3-2
			TRACK FRAME (PC210)LC	3003	3-4
			TRACK FRAME (PC240)	3005	3-6

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(WITH SWING MECHANICAL BRAKE)		
P.P.C. VALVE PIPING (2/3)	4513	4-36
(WITH AUTO DECELERATION)		
(WITH SWING MECHANICAL BRAKE)		

P.P.C. VALVE PIPING (3/3)	4515	4-38
(WITH AUTO DECELERATION)		
(WITH SWING MECHANICAL BRAKE)		
P.P.C. VALVE PIPING (1/3)	4517	4-40
(WITHOUT AUTO DECELERATION)		
(WITHOUT SWING MECHANICAL BRAKE)		
P.P.C. VALVE PIPING (2/3)	4519	4-42
(WITHOUT AUTO DECELERATION)		
(WITHOUT SWING MECHANICAL BRAKE)		
P.P.C. VALVE PIPING (3/3)	4521	4-44
(WITHOUT AUTO DECELERATION)		
(WITHOUT SWING MECHANICAL BRAKE)		
PILOT PIPING	4551	4-46
(WITH AUTO DECELERATION)		
(WITH SWING MECHANICAL BRAKE)		
O.L.S.S. PIPING	4611	4-48
SWING MECHANICAL BRAKE PIPING	4701	4-52
(WITH AUTO DECELERATION)		
(WITH SWING MECHANICAL BRAKE)		
50. REVOLVING FRAME AND CAB		
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REVOLVING FRAME (PC240)	5003	5-4
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HYDRAULIC PIPING (SWIVEL JOINT TO/FROM TRAVEL MOTOR) (PC240NLC)	9303	9-44
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LOCK VALVE PIPING (FOR BOOM CYLINDER) (1/2)	9501	9-52
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99. NUMERICAL INDEX

NUMERICAL INDEX 1

ENGINE RELATED PARTS AND ELECTRICAL SYSTEM

FIG. 1001 AIR CLEANER

FIG. NO. :1001

INDEX NO.	PART NO.	DESCRIPTION	QTY	SERIAL NO. PC210-3KP	SERIAL NO. PC240-3KP
	205-01-73600	AIR CLEANER ASS'Y	1	K15001-	K15001-
1	205-01-73560	.BODY	1	K15001-	K15001-
2	205-01-73570	.ELEMENT	1	K15001-	K15001-
3	205-01-K1460	..NUT	1	K15001-	K15001-
4	205-01-K1450	..WASHER	1	K15001-	K15001-
5	205-01-73580	.CAP, VACUATOR	1	K15001-	K15001-
6	205-01-73590	.CAP, INDICATOR	1	K15001-	K15001-
7	6131-11-4520	BAND	2	K15001-	K15001-
8	6643-11-4541	BOLT	2	K15001-	K15001-
9	08670-02001	INDICATOR, (ENGLISH)	1	K15001-	K15001-
	08670-50641	INDICATOR, (FRENCH)	1	K15001-	K15001-
	08670-60635	INDICATOR, (SPANISH)	1	K15001-	K15001-
	08670-70635	INDICATOR, (GERMAN)	1	K15001-	K15001-
10	09537-30661	PLATE, INSTRUCTION, (ENGLISH)	1	K15001-	K15001-
	09637-81661	PLATE, INSTRUCTION, (GERMAN)	1	K15001-	K15001-
	09637-70661	PLATE, INSTRUCTION, (SPANISH)	1	K15001-	K15001-
	09637-30762	PLATE, INSTRUCTION, (FRENCH)	1	K15001-	K15001-

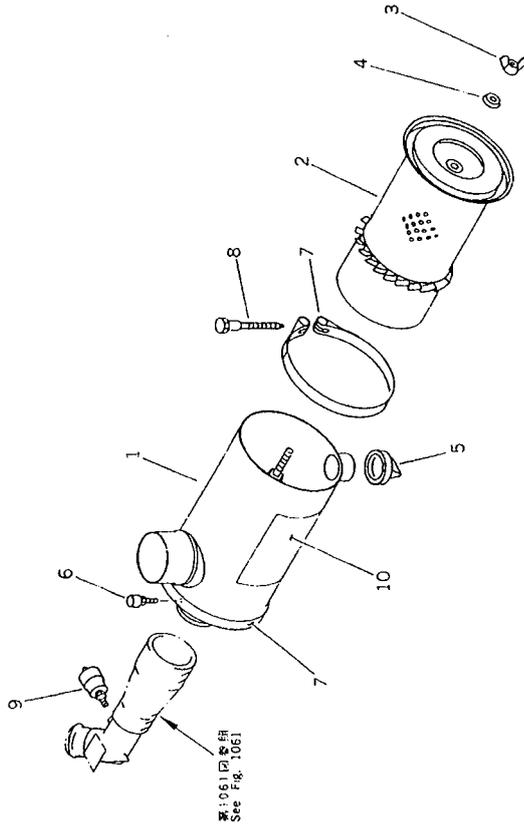


FIG. 1003 MUFFLER

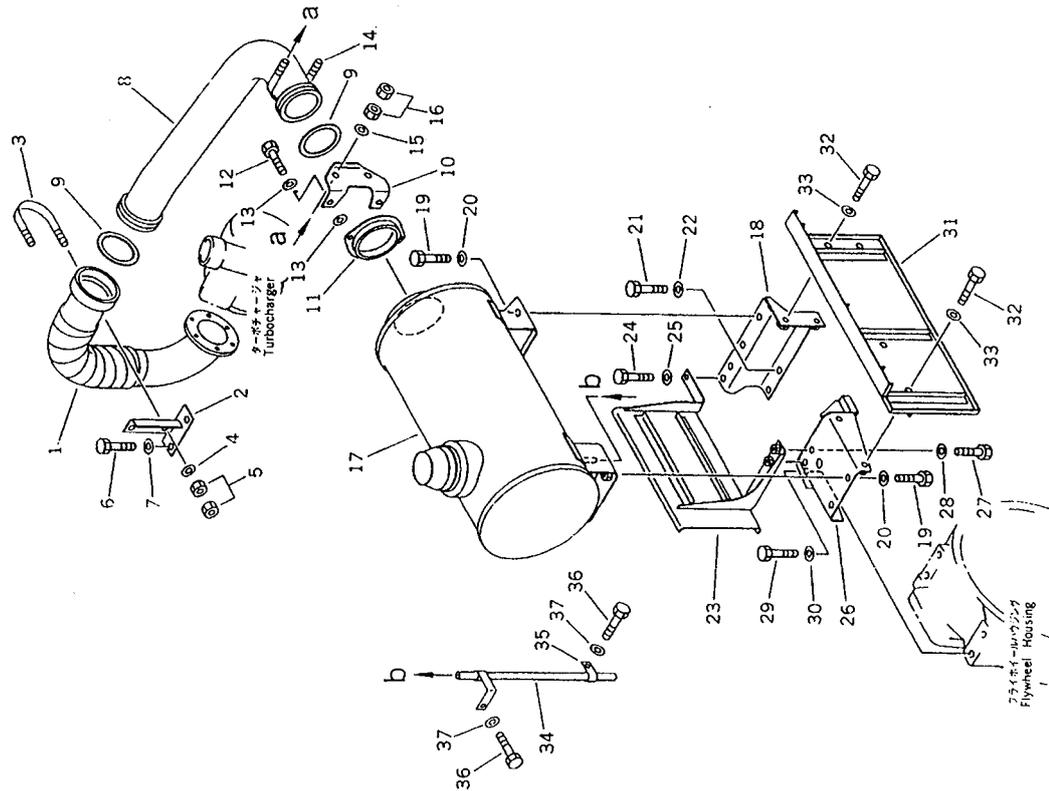


FIG. NO. 1003

INDEX NO.	PART NO.	DESCRIPTION	QTY	SERIAL NO. PC210-3KP	SERIAL NO. PC240-3KP
1	205-01-73420	TUBE	1	K15001-	K15001-
2	205-01-73450	BRACKET	1	K15001-	K15001-
3	07283-27663	CLIP	1	K15001-	K15001-
4	01643-31032	WASHER	2	K15001-	K15001-
5	01582-11008	NUT	4	K15001-	K15001-
6	01010-51025	BOLT	2	K15001-	K15001-
7	01643-31032	WASHER	2	K15001-	K15001-
8	205-01-73430	TUBE	1	K15001-	K15001-
9	6136-12-5280	RING, SEAL	2	K15001-	K15001-
10	205-01-73460	BRACKET	1	K15001-	K15001-
11	6137-11-5370	JOINER	1	K15001-	K15001-
12	01020-10830	BOLT	2	K15001-	K15001-
13	01643-30823	WASHER	4	K15001-	K15001-
14	07283-27663	CLIP	1	K15001-	K15001-
15	01643-31032	WASHER	2	K15001-	K15001-
16	01582-11008	NUT	4	K15001-	K15001-
17	205-01-73410	MUFFLER	1	K15001-	K15001-
18	205-01-73310	BRACKET	1	K15001-	K15001-
19	01010-51025	BOLT	4	K15001-	K15001-
20	01643-31032	WASHER	4	K15001-	K15001-
21	01010-51225	BOLT	2	K15001-	K15001-
22	01643-31232	WASHER	2	K15001-	K15001-
23	205-01-73340	COVER	1	K15001-	K15001-
24	01010-51030	BOLT	2	K15001-	K15001-
25	01643-31032	WASHER	2	K15001-	K15001-
26	205-01-73320	BRACKET	2	K15001-	K15001-
27	01010-51025	BOLT	1	K15001-	K15001-
28	01643-31032	WASHER	2	K15001-	K15001-
29	01010-51240	BOLT	2	K15001-	K15001-
30	01643-31232	WASHER	2	K15001-	K15001-

PC210-3KP

PC210-3KP

FIG NO. 1003

INDEX NO.	PART NO.	DESCRIPTION	QTY	SERIAL NO. PC210-3KP	SERIAL NO. PC240-3KP
31	205-01-73350	COVER	1	K15001-	K15001-
32	01010-51025	BOLT	4	K15001-	K15001-
33	01643-31032	WASHER	4	K15001-	K15001-
34	205-01-73440	TUBE	1	K15001-	K15001-
35	08036-21014	CLIP	1	K15001-	K15001-
36	01010-51020	BOLT	2	K15001-	K15001-
37	01643-31032	WASHER	2	K15001-	K15001-

FIG. 1005

INDEX NO.	PART NO.	DESCRIPTION	Q'TY	SERIAL NO. PC210-3KP	SERIAL NO. PC240-3KP
1	205-01-73520	JOINT	1	K15001-	K15001-
2	07000-02021	O-RING	2	K15001-	K15001-
3	205-01-73530	JOINT	1	K15001-	K15001-
4	07040-11409	PLUG	1	K15001-	K15001-
5	07002-01423	O-RING	1	K15001-	K15001-
6	205-01-73370	BLOCK	1	K15001-	K15001-
7	01010-50860	BOLT	2	K15001-	K15001-
8	01643-30823	WASHER	2	K15001-	K15001-
9	07102-20204	HOSE	1	K15001-	K15001-
10	205-01-73260	NIPPLE	1	K15001-	K15001-
11	20N-63-66190	ELBOW	1	K15001-	K15001-
12	07002-02034	O-RING	1	K15001-	K15001-
13	07102-20203	HOSE	1	K15001-	K15001-
14	07235-10210	ELBOW	2	K15001-	K15001-
15	07002-01423	O-RING	2	K15001-	K15001-
16	205-01-73380	JOINT	1	K15001-	K15001-
17	07000-02021	O-RING	1	K15001-	K15001-
18	08034-00519	BAND	1	K15001-	K15001-

FIG. 1005 OIL PAN

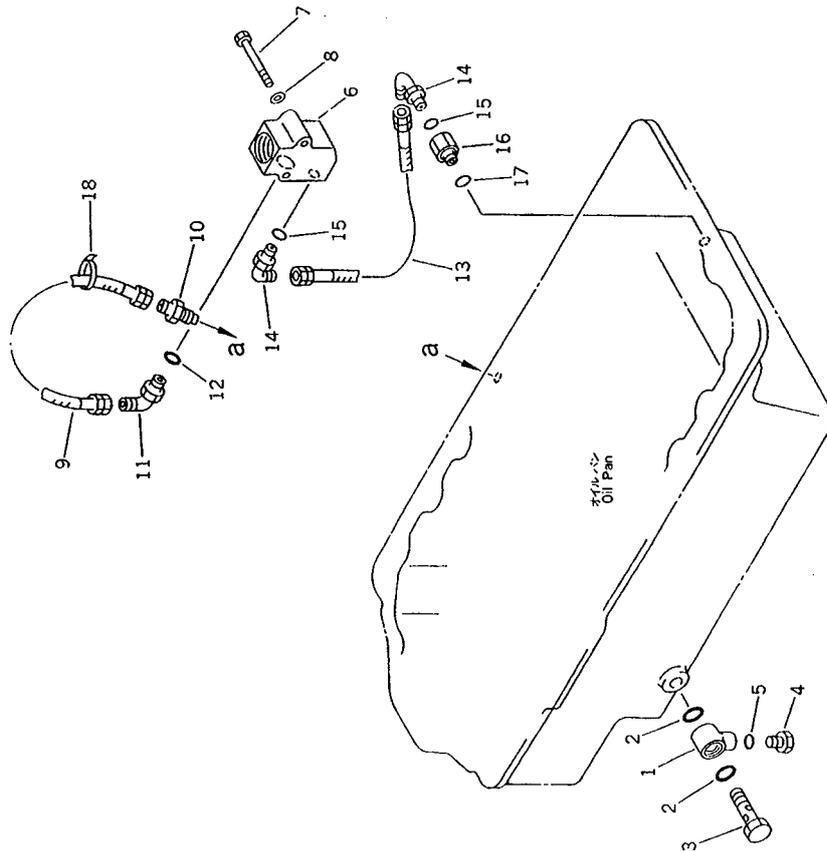
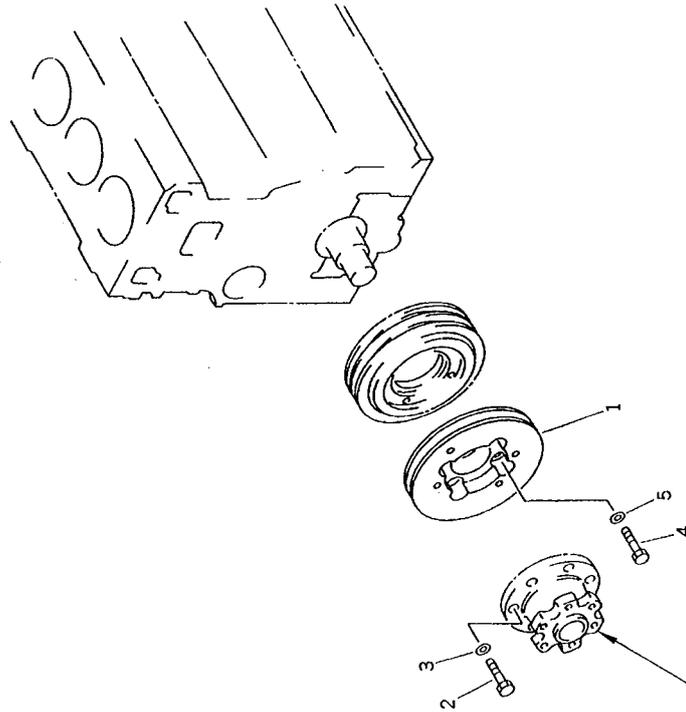


FIG. 1007 CRANKSHAFT



See Fig. 1015

FIG. NO. 1007

INDEX NO.	PART NO.	DESCRIPTION	Q 'TY	SERIAL NO. PC210-3KP	SERIAL NO. PC240-3KP
1	205-01-73290	ADAPTER	1	K15001-	K15001-
2	01010-51230	BOLT	4	K15001-	K15001-
3	01643-31232	WASHER	4	K15001-	K15001-
4	02030-10738	BOLT	4	K15001-	K15001-
5	205-01-73240	WASHER	5	K15001-	K15001-

PC210-3KP

PC210-3KP

1-10

1-11

FIG. 1011 FUEL INJECTION PUMP LINKAGE (WITH POTENTIOMETER) (PC210)

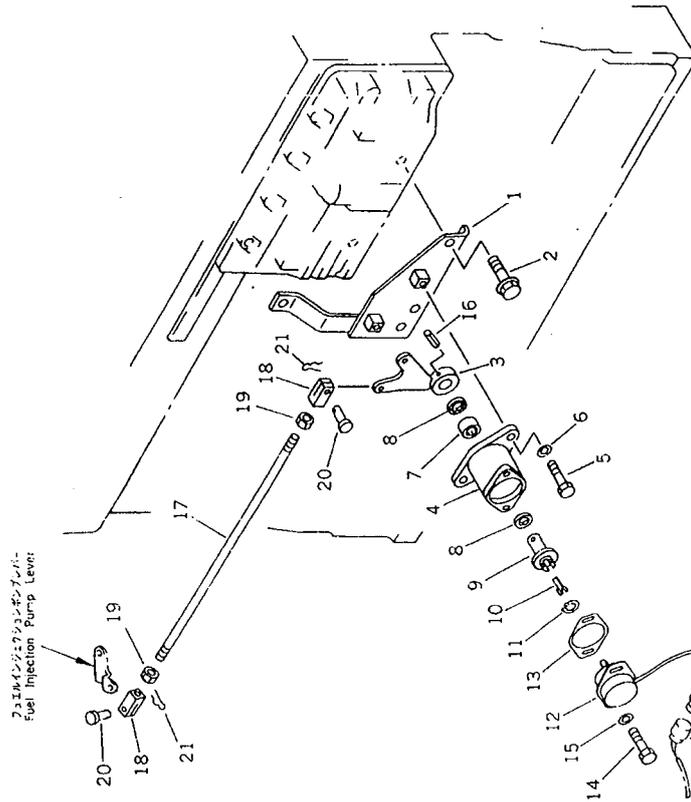


Fig. 1019参照
See Fig. 1015

FIG. NO. 1011

INDEX NO.	PART NO.	DESCRIPTION	Q'TY	SERIAL NO. PC210-3KP	SERIAL NO. PC240-3KP
1	205-43-74420	BRACKET	1	K15001-	
2	01435-21016	BOLT	2	K15001-	
3	205-43-74430	LEVER	1	K15001-	
4	205-43-74450	BLOCK	1	K15001-	
5	01010-50825	BOLT	2	K15001-	
6	01643-30823	WASHER	2	K15001-	
7	702-16-11490	BEARING	1	K15001-	
8	702-16-11510	SEAL, OIL	2	K15001-	
9	6136-71-9730	SHAFT	1	K15001-	
10	142-43-13180	SPRING	1	K15001-	
11	04064-01610	RING	1	K15001-	
12	7861-91-4110	SENSOR, POTENTIOMETER	1	K15001-	
13	142-06-14510	GASKET	1	K15001-	
14	01010-50612	BOLT	2	K15001-	
15	01643-30623	WASHER	2	K15001-	
16	04025-00432	PIN	1	K15001-	
17	04245-00638	ROD	1	K15001-	
18	04210-20624	YOKE	2	K15001-	
19	01580-10605	NUT	2	K15001-	
20	04205-10618	PIN	2	K15001-	
21	04052-10633	PIN, SKAP	2	K15001-	

PC210-3KP

PC210-3KP

FIG. 1012 FUEL INJECTION PUMP LINKAGE (WITH POTENTIO METER) (PC240)

INDEX NO.	PART NO.	DESCRIPTION	QTY	SERIAL NO. PC210-3KP	SERIAL NO. PC240-3KP
1	205-43-7442C	BRACKET	1		K15001-
2	01435-21016	BOLT	2		K15001-
3	205-43-74430	LEVER	1		K15001-
4	205-43-74450	BLOCK	1		K15001-
5	01010-50825	BOLT	2		K15001-
6	01643-30823	WASHER	2		K15001-
7	702-16-11490	BEARING	1		K15001-
8	702-16-11510	SEAL, OIL	2		K15001-
9	6136-71-9730	SHAFT	1		K15001-
10	142-43-13180	SPRING	1		K15001-
11	04064-01610	RING	1		K15001-
12	7861-91-4110	SENSOR, POTENTIOMETER	1		K15001-
13	142-06-1451C	GASKET	1		K15001-
14	01010-50612	BOLT	2		K15001-
15	01643-30623	WASHER	2		K15001-
16	04025-00432	PIN	1		K15001-
17	04245-00640	ROD	1		K15001-
18	04210-20624	YOKE	2		K15001-
19	01580-10605	NUT	2		K15001-
20	04205-10618	PIN	2		K15001-
21	04052-10633	PIN, SNAP	2		K15001-

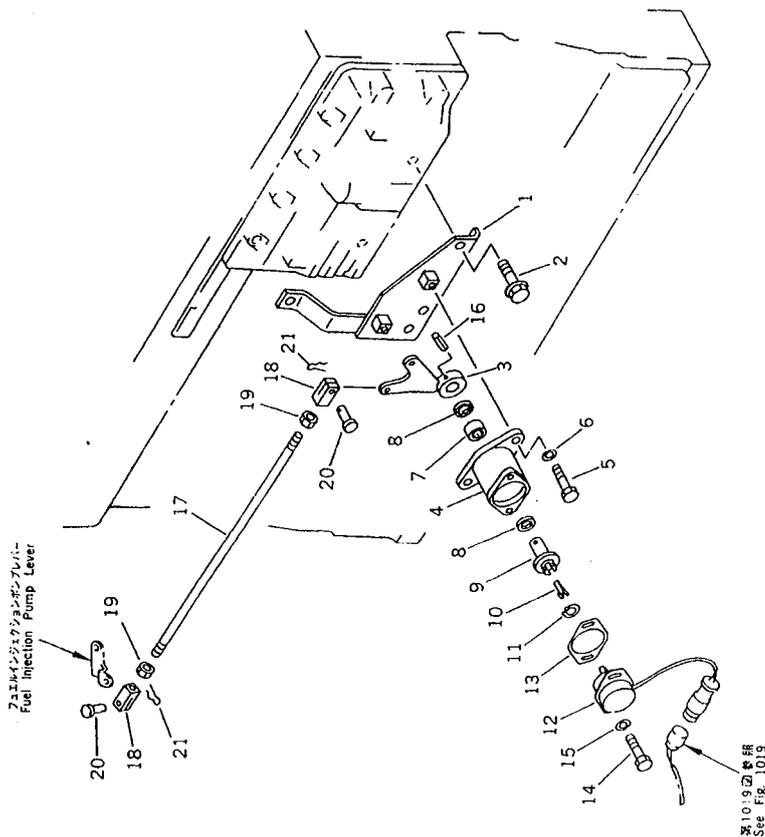


FIG. 1013 FUEL INJECTION PUMP LINKAGE (WITHOUT POTENTIO METER) (PC210)

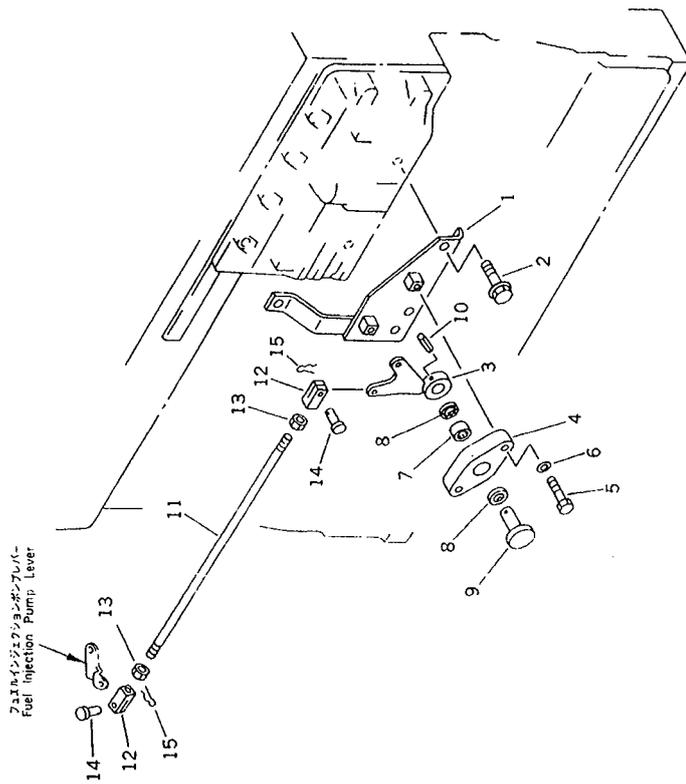


FIG. NO. 1013

INDEX NO.	PART NO.	DESCRIPTION	Q 'TY	SERIAL NO. PC210-3KP	SERIAL NO. PC240-3KP
1	205-43-74420	BRACKET	1	K15001-	
2	01435-21016	BOLT	2	K15001-	
3	205-43-74430	LEVER	1	K15001-	
4	205-43-74440	BLOCK	1	K15001-	
5	01010-50835	BOLT	2	K15001-	
6	01643-30823	WASHER	2	K15001-	
7	702-16-11490	BEARING	1	K15001-	
8	702-16-11510	SEAL,OIL	2	K15001-	
9	205-43-74460	SHAFT	1	K15001-	
10	04025-00432	PIN	1	K15001-	
11	04245-00638	ROD	1	K15001-	
12	04210-20624	YOKE	2	K15001-	
13	01580-10605	NUT	2	K15001-	
14	04205-10618	PIN	2	K15001-	
15	04052-10633	PIN,SNAP	2	K15001-	

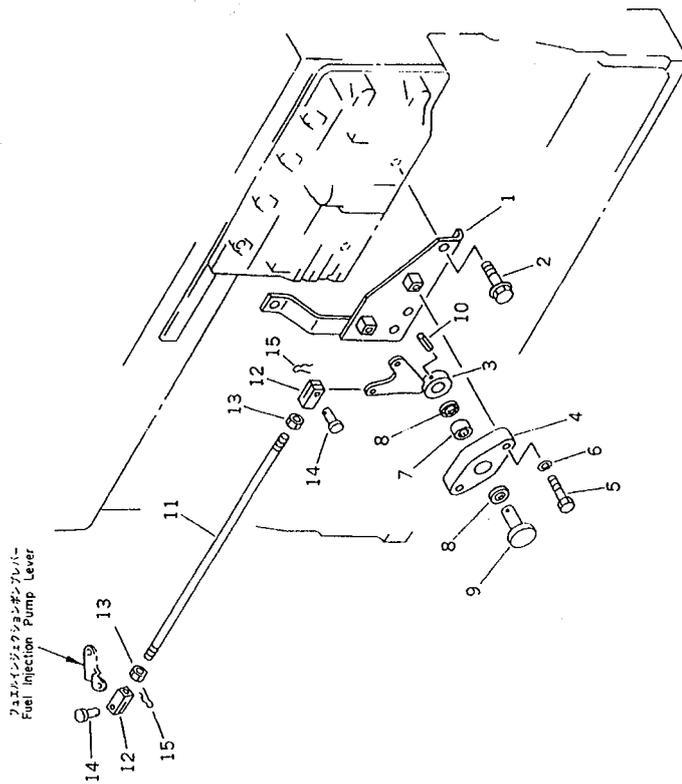
PC210-3KP

PC210-3KP

FIG. 1014 FUEL INJECTION PUMP LINKAGE (WITHOUT POTENTIOMETER) (PC240)

FIG NO. 1014

INDEX NO.	PART NO.	DESCRIPTION	Q'TY	SERIAL NO. PC210-3KP	SERIAL NO. PC240-3KP
1	205-43-74420	BRACKET	1		K15001-
2	01435-21016	BOLT	2		K15001-
3	205-43-74430	LEVER	1		K15001-
4	205-43-74440	BLOCK	1		K15001-
5	01010-50835	BOLT	2		K15001-
6	01643-30823	WASHER	2		K15001-
7	702-16-11490	BEARING	1		K15001-
8	702-16-11510	SEAL, OIL	2		K15001-
9	205-43-74460	SHAFT	1		K15001-
10	04025-00432	PIN	1		K15001-
11	04245-00640	ROD	1		K15001-
12	04210-20624	YOKE	2		K15001-
13	01580-10605	NUT	2		K15001-
14	04205-10618	PIN	2		K15001-
15	04052-10633	PIN, SNAP	2		K15001-



PC210-3KP

PC210-3KP

FIG. 1015 COOLING FAN (PC210)

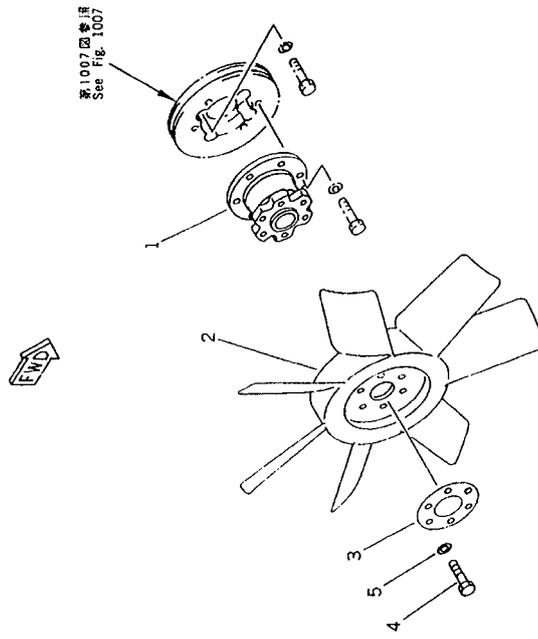


FIG NO. 1015

INDEX NO.	PART NO.	DESCRIPTION	Q'TY	SERIAL NO. PC210-3KP	SERIAL NO. PC240-3KP
1	6136-61-3610	COUPLING ASS'Y	1	K15001-	
2	600-625-6590	FAN	1	K15001-	
3	6131-62-3310	PLATE	1	K15001-	
4	01010-51030	BOLT	6	K15001-	
5	01643-31032	WASHER	6	K15001-	

PC210-3KP

PC210-3KP

FIG. 1017 COOLING FAN (PC240)

FIG NO. 1017

INDEX NO.	PART NO.	DESCRIPTION	QTY	SERIAL NO. PC210-3KP	SERIAL NO. PC240-3KP
1	6136-61-3610	COUPLING ASS'Y	1		K15001-
2	600-625-6620	FAN	1		K15001-
3	6131-62-3310	PLATE	1		K15001-
4	01010-51030	BOLT	6		K15001-
5	01643-31032	WASHER	6		K15001-

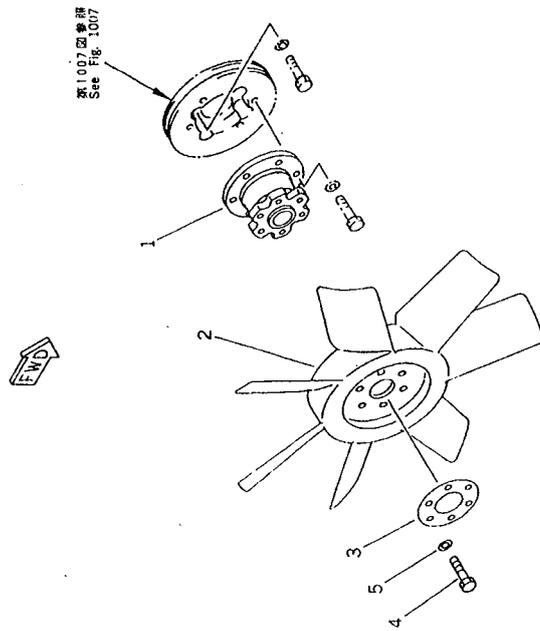
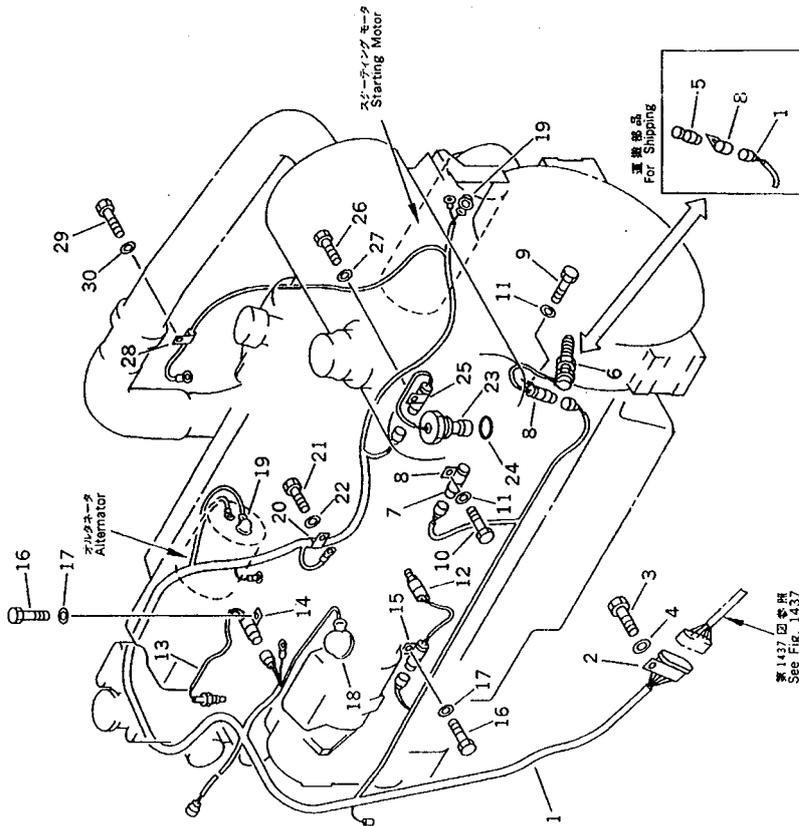


FIG. 1019 ELECTRICAL WIRING (AROUND ENGINE)



参照図 1437
See Fig. 1437

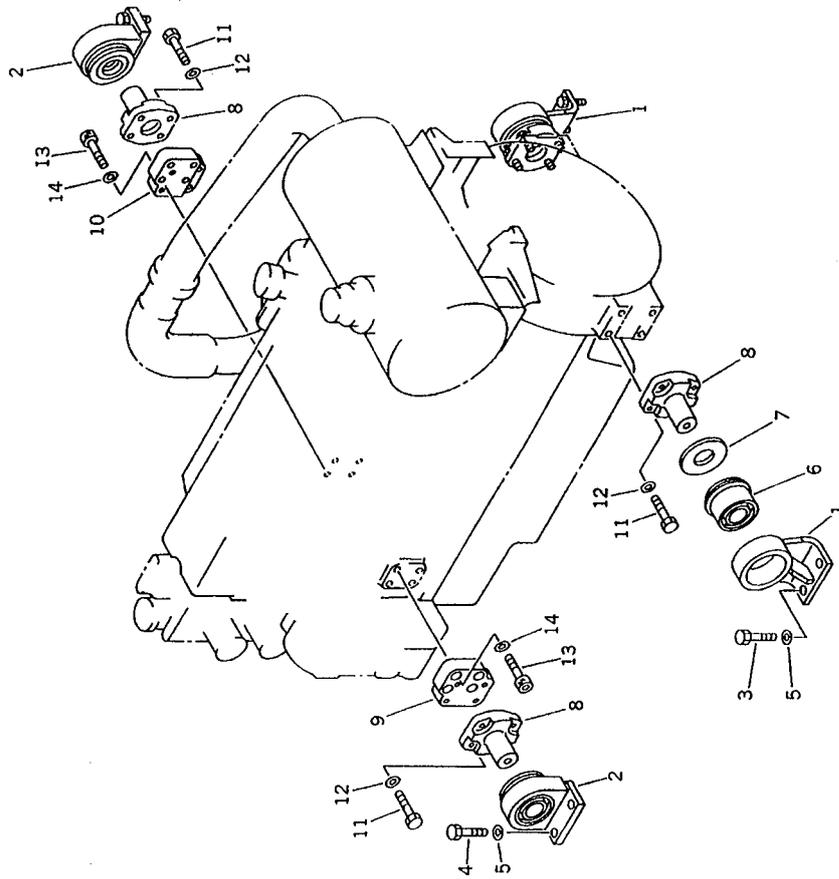
FIG. NO. 1019

INDEX NO.	PART NO.	DESCRIPTION	Q'TY	SERIAL NO. PC210-3KP	SERIAL NO. PC240-3KP
1	205-06-73330	WIRING HARNESS	1	K15001-	K15001-
2	142-06-13530	CLIP	1	K15001-	K15001-
3	01010-51025	BOLT	1	K15001-	K15001-
4	01643-31032	WASHER	1	K15001-	K15001-
5	195-06-41740	PLUG	1	K15001-	K15001-
6	7819-11-2310	SENSOR	1	K15001-	K15001-
7	195-06-41760	CONNECTOR	1	K15001-	K15001-
8	08052-11711	CLIP	2	K15001-	K15001-
9	01010-50820	BOLT	1	K15001-	K15001-
10	01010-50816	BOLT	1	K15001-	K15001-
11	01643-30823	WASHER	2	K15001-	K15001-
12	7861-99-1300	SENSOR, PRESSURE SWITCH	1	K15001-	K15001-
13	7861-91-3370	SENSOR, TEMPERATURE	1	K15001-	K15001-
14	08052-11711	CLIP	1	K15001-	K15001-
15	08036-01814	CLIP	1	K15001-	K15001-
16	01010-51016	BOLT	2	K15001-	K15001-
17	01643-31032	WASHER	2	K15001-	K15001-
18	08038-16037	CAP	1	K15001-	K15001-
19	08038-02027	CAP	2	K15001-	K15001-
20	08036-01414	CLIP	1	K15001-	K15001-
21	01010-51016	BOLT	1	K15001-	K15001-
22	01643-31032	WASHER	1	K15001-	K15001-
23	7861-91-4520	SENSOR	1	K15001-	K15001-
24	07002-03634	O-RING	1	K15001-	K15001-
25	08052-21711	CLIP	1	K15001-	K15001-
26	01010-50816	BOLT	1	K15001-	K15001-
27	01643-30823	WASHER	1	K15001-	K15001-
28	08036-30810	CLIP	1	K15001-	K15001-
29	01010-50612	BOLT	1	K15001-	K15001-
30	01643-30623	WASHER	1	K15001-	K15001-

PC210-3KP

PC210-3KP

FIG. 1041 ENGINE MOUNT



INDEX NO.	PART NO.	DESCRIPTION	QTY	SERIAL NO. PC210-3KP	SERIAL NO. PC240-3KP
1	205-01-73540	BRACKET	2	K15001-	K15001-
2	205-01-73550	BRACKET	2	K15001-	K15001-
3	01010-51640	BOLT	4	K15001-	K15001-
4	01010-51645	BOLT	4	K15001-	K15001-
5	01643-31645	WASHER	8	K15001-	K15001-
6	205-01-71111	CUSHION	4	K15001-	K15001-
7	205-01-71151	SPACER	4	K15001-	K15001-
8	205-01-71120	PIN	4	K15001-	K15001-
9	205-01-73270	ADAPTER, L.H.	1	K15001-	K15001-
10	205-01-73280	ADAPTER, R.H.	1	K15001-	K15001-
11	01010-51240	BOLT	16	K15001-	K15001-
12	01643-31232	WASHER	16	K15001-	K15001-
13	01252-31645	BOLT	8	K15001-	K15001-
14	01643-51645	WASHER	8	K15001-	K15001-

FIG. NO. :1041

