
MITSUBISHI DIESEL ENGINE

PARTS CATALOG

MODEL

6D14.15

(FOR INDUSTRIAL USE)

MASTER

KOBELCO

K904C

K907B

K907C

YS750-2



株式会社神戸製鋼所

KOBE STEEL, LTD.

98318-80006

98318-81001

98318-81201

98318-84001

98318-87000

MAY 1983

GENERAL INFORMATION

1. This parts catalog is the revised edition of the part catalog No. 98318-80005 and contains the service parts for Model 6D14.15 engine, covering those modified in the period between September, 1982 and April, 1983.

Engine model	Applicable model		indication in parts catalog	Engine No	Applicable parts catalog No
6D14C	KOBELCO	K904C	6D141KS11N		(98318-81000)
	YUTANI	YS450-2	6D141YJ11N	6D14-256931~(82/9)	(98318-81100)
		YS450-2 low noise spec	6D141YJ12N		
6D15C	COBELCO	K907B	6D150KS11N	6D15-258837~(82/9)	(98318-81000)
		K907B tropical spec	6D150KS12N		
	KOBELCO YUTANI	K907C	6D150YJ14N		(98318-81001)
		K907C tropical spec	6D150YJ15N		
	YUTANI	YS750-2	6D150YJ11N	6D15-257447~(82/9)	(98318-81100)
		YS750-2 cold spec	6D150YJ12N	6D15-257594~(83/9)	
YS750-2 low noise spec		6D150YJ13N			

Note: For details of specifications, refer to Table of specifications shown later.

2. When Ordering Service Parts, please let us know the following informations

- (1) Part Number
- (2) Part Name
- (3) Quantity Required
- (4) Engine Number

MITSUBISHI GENUINE PARTS

Use **"MITSUBISHI GENUINE PARTS"** exclusively for servicing your Mitsubishi engine.

"MITSUBISHI GENUINE PARTS" are superior and reliable because they have been produced under the excellent quality-control system, and have passed the standard after strict inspections.

Imitation parts are not recommended from the viewpoint of their material and manufacturing method which are entirely incomparable with those of genuine parts.

A large assortment of **"MITSUBISHI GENUINE PARTS"** is always available at any of our authorized dealers, so do your purchasing at your nearest dealer by specifying **"MITSUBISHI GENUINE PARTS"**.

3. Instruction for Using This Catalog

Group Index

グループ番号 Group No.	グループ名称 Group Name	頁 Page	適用機種一覧表 Table of applicable models											
020	BASE ENGINE													
020-110A	CYLINDER BLOCK	2	M0	-	-	M2	-	-	-	-	-	-	-	
020-120A	CRANKSHAFT BEARING	4	M0	-	-	-	-	-	-	-	-	-	-	
020-150A	OIL PAN	6	M0	-	M1	-	-	M0	-	-	-	-	-	

Parts List (text) (1)

020-110A
CYLINDER BLOCK

(7)

見出番号 Key No.	(3) 部品名称および記述 Part Name & Description		変換 記号 C R H P	適用機種および個数 Models & Qty					備考 ECL	切換時期および備考 Prod. Date & Remarks
	パーツ・コードおよび仕様 Part Code & Spec.	部品番号 Part No.		M0	M2					
(2)	(4)	(5)	(6)						(8)	(9)

(1) Arrangement and composition of group

Specific numbers are assigned to respective component groups of an engine and the groups are arranged in the order shown in GROUP INDEX. Each group consists of illustrations and parts lists.

(2) Key No column

This column shows call-outs used in the illustration.

(3) Part Name and Description

Name of the parts are given. When abbreviations are used instead of parts names, refer to the 「TABLE OF SYMBOLS & ABBREVIATIONS」

Note: The left-hand(L.H.)and right-hand(R.H.) of parts as described in this parts catalog are shown as seen from engine flywheel.

(4) Part Code & Spec.

(a) Part Code

The Part code indicates the classification of model components by their role and function. (Omitted)

(b) Specification

Additionally the complement to the part name, such as plate thickness, diameter or length is indicated in millimeters, but symbol "mm" is omitted.

(5) Part No.

(a) Part numbers are roughly grouped into two systems: 8 digit parts number with "M" and 10 digit parts number.

(b) Mark for parts unavailable as a separate unit.

For the part which is not supplied as a separate unit, the mark *is used in the Part No. column and its illustration and part name are shown. These parts are supplied as an assembly, kit or set.

(6) Changes and Interchangeability

(Example) 2○—Interchangeability symbols

		(Indication in the new part)
1A	○	...New part can replace old part and vice versa
	×	...New part cannot replace old part and vice versa
	Y	...New part can replace old part, but old part cannot.
	Z	...Old part can replace new part, but new part cannot.
	#	...New part can replace old part in set with related parts with # mark.
		Indication of changes or modifications of part
	A	...Added part
	C	...Corrigendum
	D	...Disuse
	Q	...Quantity change
		Sequence of changes of part
	⋮	
	3	...New part }
	2	...Old part }

(7) Applicable models and Quantity

(a) Applicable model

The applicable models of respective parts are indicated and the applicable models of GROUP INDEX such as M0, M1,M9 correspond in this column.

(b) Quantity column

As a rule, this column contains the number of individual parts or assemblies and assembly components required for one model. In this column, the following symbols are also used besides the Arabic numerals to indicate the quantity of parts.

AR As required

C Choose one

If a part is applicable to all the models covered by this catalog, the quantity is indicated in "All" column under "Models & Q'ty".

(8) Special parts

In "ECL" column, the special parts are identified using the following symbols.

No symbols..... Parts usable incommon on automotive engine and industrial machinery engine.

P Parts exclusively for industrial machinery engine.

M Parts exclusively for MITSUBISHI MOTORS CORPORATION at NAGOYA FACTORY

(9) Production date and Remarks

(a) Indication of production date

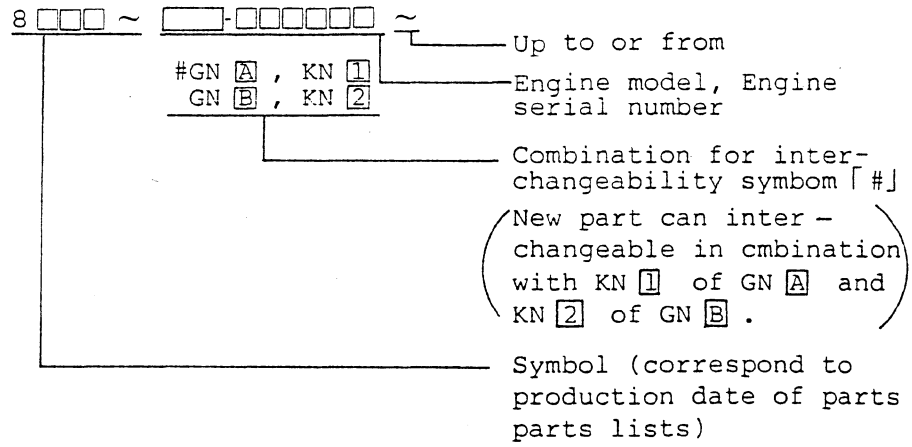
Production date of changed parts are indicated in the "Prod. Date". Applicable machine number is listed in the end of this catalog.

(Example) 8 □□□ ~
└── Up to or from
└── Symbol (198 □ , □□ date)

(b) Remarks

Complementary explanations or pieces of referential information are given.

4. Parts Code & Spec.No. and Combination for Interchangeability # are listed in the end of this catalog with in group numerical order and respective production date.



5. Part Number Index is listed in the end of this catalog for your convenience.

略語・記号一覧表
 TABLE OF SYMBOLS & ABBREVIATIONS - Continued

表示 Symbol	説明 Description	表示 Symbol	説明 Description
	(A)		
ADD	Addition 追加	E/#	Engine number エンジン番号
A/CLNR	Air cleaner	EXC	Except をのぞく
A/COMPR	Air compressor	EXH	Exhaust
ASSY	Assembly		(F)
	(B)	FLEX.	Flexible
BRG	Bearing	F/W	Flywheel
BRKT	Bracket	FR	Front 前 (フロント)
BUSH.	Bushing		(G)
	(C)	GOV	Governor
CTR	Center 中央 (センタ)	GN	Group number グループ番号
C/L	Clutch		(I)
CF	Confer ... 参照	INC	Including を含む
COMPR	Compressor	I/P	Injection pump
CONN-ROD	Connecting rod	INST OF	Instead of の代り
COUNT/S	Counter shaft		(K)
CYL	Cylinder	KN	Key number 見出番号
CONST OF ...	Consist of ... で構成される		(L)
	(D)	LH	Left hand 左側
DECOMP	Decompression	L =	Length 長さ
D = or DIA	Diameter 直径	L	Liter 容量 (ℓ)
D/D	Direct drive		(M)
DU	Disuse 不要	MAIN/S	Mainshaft
	(E)	MANIF	Manifold
EMERG	Emergency	MI	Middle 中間の

略語・記号一覧表
TABLE OF SYMBOLS & ABBREVIATIONS

表示 Symbol	説明 Description	表示 Symbol	説明 Description		
NO.	(N) Number 番号	STD	Standard 標準		
	(O) Oil cooler	SW	Switch		
O/C	Oil cooler	SYNCH	Synchronizer		
O/PUMP	Oil pump	(T)	TEMP	Temperature	
OPT	Option オプション		T =	Thickness 厚さ	
O/D	Over drive	T/M	Transmission		
OS	Over size オーバサイズ	T/CON	Torque converter		
P/CYL	(P) Power cylinder	(U)	US	Under size アンダサイズ	
	P/S		Power steering	(V)	VAC
PTO	Power take off /V Valve		
PRESS.	Pressure	(Q)	(W)	W/	With 付
PCD	Pich circle diameter ピッチ円直径			W/O	Without なし
QTY	(Q) Quantity 個数	W/WSR	With washer ワッシャ付		
	(R) Rear 後(リヤ)	(Z)	Z =	Number of gear tooth 歯数	
RE	Reverse				
REV	Right hand 右側				
RH	(S) Spring				
SPG					

TABLE OF ABBREVIATIONS OF MAKER

Symbol	Maker	Symbol	Maker
DKC	Diesel Kiki Co., Ltd.	NIKKO	Nikko Electric Co., Ltd.
ND	Nippon Denso Co., Ltd.	SEC	Sawafuji Electric Co., Ltd.
MEC	Mitsubishi Electric Co., Ltd.	JKC	Jidosha Kiki Co., Ltd.

FOLDOUT

"TABLE"/BLANK

1 TOTAL

グループ インデックス
GROUP INDEX

グループ番号 Group No.	グループ名称 Group Name	頁 Page			
			KOBELCO	YUTANI	
			K904C	YS450-2	YS450-2 low noise
			6D141 KS11N	6D141 YJ11N	6D141 YJ12N
020 BASE ENGINE					
020-110A	Cylinder block	2	M0	M0	M0
020-120A	Crankshaft bearing	6	M0	M0	M0
020-150A	Oil pan	8			
020-150B	Oil pan	10	M0	M0	M0
020-160A	Flywheel housing	12	M3	M3	M0
020-160B	Flywheel housing	14			
020-160C	Flywheel housing	16			
020-160D	Flywheel housing	18			
020-200A	Cylinder head	22	M0	M0	M0
020-210A	Rocker cover	24	M0	M0	M0
020-250A	Piston	26	M0	M0	M0
020-260A	Connecting rod & bearing	30	M0	M0	M0
020-290A	Flywheel	32			
020-290B	Flywheel	34	M1	M1	M1
020-300A	Crankshaft & pulley	38	M0	M2	M2
020-350A	Camshaft	40	M1	M1	M1
020-370A	Timing gear	42	M0	M0	M0
020-400A	Valve gear train	46	M0	M0	M0
020-430A	Inlet manifold	50			

適用機種一覧表
Table of applicable models

KOBELCO		KOBELCO	YUTANI	YUTANI		
K907B	K907B trop spec	K907C	K907C trop spec	YS750-2	YS750-2 cold spec	YS750-2 low noise
6D150 KS11N	6D150 KS12N	6D150 YJ14N	6D150 YJ15N	6D150 YJ11N	6D150 YJ12N	6D150 YJ13N
M2	M2	M2	M2	M2	M2	M2
M0	M0	M0	M0	M0	M0	M0
M0	M0	M0	M0	M0	M0	M0
M3	M3	M0	M0	M3	M3	M0
M2	M2	M2	M2	M2	M2	M2
M0	M0	M0	M0	M0	M0	M0
M2	M2	M2	M2	M2	M2	M2
M0	M0	M0	M0	M0	M0	M0
M3	M3	M5	M5	M1 M5 8303~	M1 M5 8303~	M1 M5 8303~
M0	M0	M0	M0	M2	M2	M2
M1	M1	M1	M1	M1	M1	M1
M0	M0	M0	M0	M0	M0	M0
M1	M1	M1	M1	M1	M1	M1
		M3	M3			

グループ インデックス
GROUP INDEX

グループ番号 Group No.	グループ名称 Group Name	頁 Page			
			KOBEL CO	YUTANI	
			K904C	YS450-2	YS450-2 low noise
			6D141 KS11N	6D141 YJ11N	6D141 YJ12N
020-430B	Inlet manifold	54	M0	M2	M2
020-430C	Inlet manifold	58			
020-430D	Inlet manifold	60			
020-440A	Exhaust manifold	62	M1	M1	M2
020-440B	Exhaust manifold	66			
020-440D	Exhaust manifold	68			
020-450A	Turbo-charger general	70			
020-451A	Turbo-charger (inner parts)	78			
020-460A	Engine attaching parts	82			
020-460B	Engine attaching parts	84	M2	M3	M3
020-460C	Engine attaching parts	86			
020-460D	Engine attaching parts	88			
020-470A	Engine support	90	M2		
020-470E	Engine support	94		M1	M1
020-470C	Engine support	98			
020-480A	Breather & oil filler	100	M0	M1	M1
020-490A	Engine hanger	102	M1	M1	M0
020-510A	Oil filler & oil level gauge	104			
020-510B	Oil filler & oil level gauge	106	M1	M1	M1
020-530A	Air compressor general	110			

適用機種一覽表
Table of applicable models

KOBELCO		KOBELCO YUTANI		YUTANI		
K907B	K907B trop spec	K907C	K907C trop spec	YS750-2	YS750-2 cold spec	YS750-2 low noise
6D150 KS11N	6D150 KS12N	6D150 YJ14N	6D150 YJ15N	6D150 YJ11N	6D150 YJ12N	6D150 YJ13N
M5	M5			M1	M1	M1
M1	M1	M0	M0	M1	M1	M2
M2	M2	M2	M2	M3	M3	M3
				M1	M1	M1
M0	M0	M0	M0	M0	M0	M0
M1	M1	M0	M0	M1	M1	M0
M1	M1	M1	M1	M1	M1	M1
M3	M3			M1	M1	M1

グループ インデックス
GROUP INDEX

グループ番号 Group No	グループ名称 Group Name	頁 Page			
			KOBELCO	YUTANI	
			K904C	YS450-2	YS450-2 low noise
			6D141 KS11N	6D141 YJ11N	6D141 YJ12N
020-530B	Air compressor general	114			
020-530C	Air compressor general	118			
020-531A	Air compressor (inner parts)	122			
020-531B	Air compressor (inner parts)	126			
020-600A	Torsional damper	130			
020-610A	Tachometer gear	132			
030 COOLING & OIL SYSTEM					
030-110A	Water pump	134	M2	M1	M0
030-120A	Water pipe & thermostat	138			M2
030-120B	Water pipe & thermostat	142			
030-120C	Water pipe & thermostat	144	M2 M4 8301~	M1	
030-160A	Water temp gauge unit	146	M0	M0	M0
030-160B	Water temp gauge unit	148			
030-190A	Fan & pulley	150			
030-190B	Fan & pulley	152			
030-190C	Fan & pulley	154	M2		
030-190D	Fan & pulley	156		M0	M1
030-190E	Fan & pulley	158			
030-220A	Oil pump & gear train	162	M0	M0	M0
030-230A	Oil filter	164	M0	M0	M0

適用機種一覧表
Table of applicable models

KOBELCO		KOBELCO	YUTANI	YUTANI		
K907B	K907B trop spec	K907C	K907C trop spec	YS750-2	YS750-2 cold spec	YS750-2 low noise
6D150 KS11N	6D150 KS12N	6D150 YJ14N	6D150 YJ15N	6D150 YJ11N	6D150 YJ12N	6D150 YJ13N
MO	MO			MO	MO	MO
M3	M4	MO	M2	M1	M1	M1
M1 M3 8301~	M1 M3 8301~	M1 M3 8301~	M1 M3 8301~	M2	M2	M2
MO	MO	MO	MO	MO	MO	MO
M5	M6	M1	M7	M3	M3	M3
MO	MO	MO	MO	MO	MO	MO
MO	MO	MO	MO	MO	MO	MO

グループ インデックス
GROUP INDEX

グループ番号 Group No.	グループ名称 Group Name	頁 Page	YUTANI		
			KOBELCO	YUTANI	
			K904C	YS450-2	YS450-2 low noise
			6D141 KS11N	6D141 YJ11N	6D141 YJ12N
030-240A	Oil strainer	168	M1	M1	M1
030-250A	Oil press. SW & gauge unit	172	M1	M6	M6
030-280A	Oil line	174	M0	M0	M0
030-290A	Oil cooler	178	M0	M0	M0
030-320A	Water heater	180			
040 FUEL SYSTEM					
040-130A	Fuel injection pump general	182			
040-130B	Fuel injection pump general	184		M1	M1
040-130C	Fuel injection pump general	186	M3		
040-130D	Fuel injection pump general	190			
040-130E	Fuel injection pump general	192			
040-131A	Injection pump (inner parts)	196	M3	M2	M2
040-131B	Injection pump (inner parts)	202			
040-131C	Injection pump (inner parts)	206			
040-132A	Governor (inner parts)	212			
040-132B	Governor (inner parts)	218	M3	M2	M2
040-132C	Governor (inner parts)	226			
040-132D	Governor (inner parts)	230			
040-133A	Fuel feed pump(inner parts)	238	M1	M1	M1
040-133B	Fuel feed pump(inner parts)	242			