

Parts Catalogue

Engine No.S4S-Y161DG :055179-UP
S4S-Y1DT61DG:055187-UP
S4S-Y2DT65DG:180941-UP
S4S-Y3DT65DG:198491-UP

mitsubishi DIESEL ENGINE

S4S-Y161DG
S4S-Y1DT61DG
S4S-Y2DT65DG
S4S-Y3DT65DG

for Mitsubishi Engine North America, Inc.

February 2009



mitsubishi
HEAVY INDUSTRIES, LTD.

Pub.No. 98615-MA820

MITSUBISHI GENUINE PARTS

"MITSUBISHI GENUINE PARTS" should be used 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 strict inspections.

Imitation parts are not reliable from the viewpoints 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 ordering at your nearest dealer by specifying "MITSUBISHI GENUINE PARTS".

GUIDE FOR USE OF PARTS CATALOGUE

1. This Parts Catalogue contains service parts for the following Mitsubishi S4S diesel engine.
The applicable engine type and serial number are as follows:

ENGINE NAME	MODEL	USE SPECIFICATION	APPLICABLE SERIAL NO.
S4S	Y161DG	For Generator	055179-UP
	Y1DT61DG		055187-UP
	Y2DT65DG		180941-UP
	Y3DT65DG		198491-UP

2. When ordering parts, give the Mitsubishi dealer or distributor the following information:
 - (1) Part number (or assembly number) and part name.
 - (2) Quantity required
 - (3) Model and serial number

NOTE: In some cases, a substitute part is furnished instead of the part ordered.

3. Indication of assembled bolts with washer
Of the standard bolts, those with washers are identified by the symbol "B/W" in the Description column of each list. (Part Name: BOLT, W/WASHER)
For the part numbers of the bolts, washers and those of bolts with washers, refer to the listing (beginning with the page D1) at the end of this parts catalogue. These bolts and washers should be ordered individually.
4. For the numerical index, refer to the page beginning with C1 at the end of this parts catalogue.
5. Some illustration may have some difference from the shape of real part when the illustration Shows a representation of various parts.
6. The parts and part numbers are subject to change without prior notice.

SAMPLE OF PARTS CATALOGUE

Group number

Group name

07-00-01 CRANKCASE

Model type

When these column is blank, it is applicable from serial No. shown on cover and up.

Not applicable to the model of this column.

REF. -NO.	PART NO.	R / P	S E N Q G	PART NAME & DESCRIPTION	MODEL&QTY				APPLICABLE SERIAL NO. FROM@ -@UPTO	M / V R D
					1	2	3	4		
1	32507-70010			CRANKCASE ASSY	1	1	1	1		
1 01	F2846-14000			PIN,DOWEL	1	1	1	1		A
1 02	32507-01400			WASHER	1	1	1	1		A
1 03	*			CAP,MAIN BEARING	1	1	1	1		
1 04	*			CAP,MAIN BEARING	1	1	1	1		
1 05	*			CRANKCASE	1	1	1	1		
2	32507-02500		C	HANGER	1	1	1	1	-111285	
	32507-02700	N 1		HANGER	1	1	1	1		V
3	32507-04100		Q	SHIM	AR	AR	AR	AR	111286- @111294	
	32507-04100	1		SHIM	AR	AR	AR	AR	111295@	
4	F1805-10025			BOLT,W/WASHER	8	8	8	8		A

See(8)-(a)Description
Codes.

See(8)-(c)Specification
Codes.

See(8)-(b)Description.

See(6)Change codes.

See(5)Sequence-of-change
numbers.

Quantity per unit.

Applicable from serial No.
indicated.

Applicable from 111295
(Scheduled)if suffixed
with @ and sometimes
differs from real serial
No.

Applicable up to serial No.
indicated.

High-demand
part.
See(11).

Part newly changed
or added. See (12).

Applicable up to 111294
(Scheduled)if prefixed
with @ and sometimes
differs from real serial
No.

Part not to be
supplied See(3).

See(2)Reference
number.

See(4)Interchangeability
codes.

NOTE: Some of model designations, number of variations and serial numbers, indicated above, are quoted from other parts catalogues.
Read these items of information as those for this parts catalogue.

NOTE: For the description of each item, refer to the pages which follow.

HOW TO USE THIS PARTS CATALOGUE

(to be referred to together with the former SAMPLE OF PARTS CATALOGUE)

(1)
01-00-01 CYLINDER HEAD
(FOR Y161DG)

1:Y161DG
2:Y1DT81DG
3:Y2DT85DG
4:Y3DT85DG

REF. -NO.	PART NO.	R /	S C E N P Q G	PART NAME & DESCRIPTION	MODEL & QTY						APPLICABLE SERIAL NO.		M /	V R D
					1	2	3	4			FROM	TO		
1	32A01-01021		C	HEAD ASSY, CYLINDER	1	.	.	.				@103330		
	32A01-01022	R	1	C HEAD ASSY, CYLINDER	1	.	.	.				@103330		
	32A01-01023	3	2	C HEAD ASSY, CYLINDER	1	.	.	.				@105762		
	32A01-11020	3	3	C HEAD ASSY, CYLINDER	1	.	.	.				@151507		
	32A01-21020	3	4	HEAD ASSY, CYLINDER	1	.	.	.						
(2)	(3)	(4)	(5) (6)	(7)	(8)	(9)					(10)		(11) (12)	

The items (1) thru (12) are as described below:

(1) Compiling system

The systems of a unit are grouped according to their location in the unit. The groups, each identified by group number, are listed in the order by CONTENTS. Each group is preceded by an "exploded view" which clearly illustrates each part in its correct relation to the other parts in the illustration.

(2) Reference number

Abbreviated to "REF. No." this number is used to located a part in the illustration. In cases that the reference number is of three to four digits, the first and second digits show the reference number of an assembly, and the last two digits show the numbers of its component parts.

(3) Part numbers

The part numbers shown in this parts catalogue are those assigned to genuine Mitsubishi parts.

NOTE: Parts with asterisk (*) are not supplied individually.

(4) Interchangeability codes

The interchangeability codes used in this parts catalogue are as follows:

PART NO.	Code (R/P)	DESCRIPTION
A(Old) B(New)	R	B(new part) and A(old part) are mutually interchangeable
A(Old) B(New)	1	A(Old part) is not supplied. B(new part) can be substituted for A(Old part).
A(Old) B(New)	3	B(new part) can be substituted for A(old part). [A(old part) cannot be substituted for B(new part).]
A(Old) B(New)	N	B(new part) and A(old part) are not interchangeable.
A(Old) B(New)	G	B(new part) can be substituted for A(old part) in combination with other part(s). (For the parts to be combined, refer to the listing beginning with the page E1 at the end of this parts catalogue.)

(5) Sequence-of-change numbers

The parts are changed for improved quality or performance. Their changes are indicated in sequence by numerals (1.2.3...).

Blank : Original

1 : 1st change

2 : 2nd change

3 : 3rd change

(6) Change codes

These codes indicate the reason or purpose of changes of the parts.

A : Added part (a part entered into service)

C : Change of part number

D : Deleted part (a part applicable up to the serial no. expressed in Serial No. column)

E : Added part except above reasons

Q : Change of quantity

(7) Part name

Abbreviations are sometimes used. For the abbreviations, refer to TABLE OF SYMBOLS & ABBREVIATIONS appeared in hide pages of this general information chapter.

NOTE: The location terms L.H (left hand) and R.H (right hand) are as these directions viewed from the flywheel side of an engine.

(8) Description & Abbreviation codes

(a) Description codes (expressed in the first part of Description column).

B/W : Assembled bolt (with washer)

KIT : Part supplied as a kit

STD : Standard part

OPT : Optional part

AR : Part used, as required or by selection or in adjust quantity for necessity

AFN : Semi-finished part

(b) The Description codes in above paragraph (a) are followed by supplementary explanation such as dimensions (thickness, length, etc.) ,manufacturer part number, manufacturer name, etc. as occasion demands.

NOTE: Unless otherwise indicated, the dimensions are shown in millimeter and the name of unit is abbreviated.

(Examples) Thickness: T=1.00 Length: L=1000

Width: W=1500 Height: H=500

(c) Specification codes

Each specification or type of model, and selective specifications of a unit are indicated by codes of three digits. For these codes, refer to LIST OF SPECIFICATION CODES appeared in hind pages of this general information chapter.

NOTE: Unless indicated by the specification codes, the parts may be used for the products of all specifications.

(Examples) A10: For diesel fuel
B10: With industrial electric starter

- (d) The parts indicated as "NOT SHOWN", such as component parts of overhaul gasket kit, are not shown in the illustration.

(9) Model & quantity

- (a) Model : Model, type, specification, destination, etc. of product to which a parts catalogue applies are indicated in the title column of each variation.
- (b) Quantity : Quantity of part or assembly, and its component parts required for one unit of product is indicated.

NOTE : In case "AR" appears in QTY column, it is required to adjust quantity for use.

(10) Applicable serial numbers

Applicable serial numbers of engine are indicated in the "UPTO" or "FROM" column. Serial numbers with "@" are scheduled ones and sometimes differ from the real serial numbers. If the "FROM" column is blank, the part is applicable to serial number shown on this cover and up.

(11) Management rank

The parts ranked as "A" are high-demand parts. This ranking is to be referred to by dealers, and is devised to facilitate and rationalize their distribution, stocking and inventory of the parts.

- (12) The parts changed or added after the last parts list that has been published are identified by "V."

TABLE OF SYMBOLS & ABBREVIATIONS

SYMBOL	DESCRIPTION		SYMBOL	DESCRIPTION	
ACCEL	ACCELERATOR		ELEC	ELECTRIC	
ADJ	ADJUSTING (ADJUSTABLE)		ENG	ENGINE	
AIR-CON	AIR-CONDITIONER		EQUIP	EQUIPMENT	
ASSY	ASSEMBLY		EXH	EXHAUST	
ATT	ATTACHMENT		E/TNK	EXPANSION TANK	
AUTO	AUTOMATIC		FITT	FITTING	
AUX	AUXILIARY		FLEX	FLEXIBLE	
AR	AS REQUIRED		FR	FRONT	
B/H	BACKHOE		GSKT	GASKET	
BATT	BATTERY		GEN	GENERATOR	
BRG	BEARING		GOV	GOVERNOR	
B/PMP	BILGE PUMP		G/N	GROUP NUMBER	
BRKT	BRACKET		H/EXCH	HEAT EXCHANGER	
BUSH	BUSHING		HEX	HEXAGON	
CARB	CARBURETOR		HYD	HYDRAULIC	
C/L	CENTERLINE		H=	HEIGHT	
COMPR	COMPRESSOR		IND	INDUSTRIAL	
CON-ROD	CONNECTING-ROD		INJ	INJECTION	
C/MBR	CROSS-MEMBER		INSTAL	INSTALLATION	
CYL	CYLINDER		INST	INSTRUMENT	
DIA	DIAMETER		INTLK	INTERLOCK	
DIFF	DIFFERENTIAL		JUNC	JUNCTION	
DISTR	DISTRIBUTOR		KD	KNOCKDOWN	
DR	DRIVE		L.H	LEFT HAND	
D=	OUT DIAMETER		LUB	LUBRICATION	
			L=	LENGTH	

TABLE OF SYMBOLS & ABBREVIATIONS

SYMBOL	DESCRIPTION		SYMBOL	DESCRIPTION	
MANF	MANIFOLD		STD	STANDARD	
MAX	MAXIMUM		SUPT	SUPPORT	
M.L.H	MAXIMUM LIFTING HEIGHT		SYM	SYMBOL	
MIN	MINIMUM		SYNCH	SYNCHRONIZER	
MTR	MOTOR		SYS	SYSTEM	
MTG	MOUNTING		TEMP	TEMPERATURE	
NO.	NUMBER		TERM	TERMINAL	
OPT	OPTION		T/CONV	TORQUE-CONVERTER	
O/D	OVER DRIVE		T/F	TRANSFER	
O.S	OVERSIZE		T/M	TRANSMISSION	
PTO	POWER TAKE-OFF		T/HSG	TURBINE-HOUSING	
P/S	POWER STEERING		T/C	TURBOCHARGER	
PRESS	PRESSURE		T=	THICKNESS	
P/N	PART NUMBER		U/BODY	UNDERBODY	
QTY	QUANTITY		U.S	UNDERSIZE	
			UNIV	UNIVERSAL	
RAD	RADIATOR		VAC	VACUUM	
RE	REAR		VENT	VENTILATOR	
REG	REGULATOR		W/STRIP	WEATHERSTRIP	
REV	REVERSE		W/	WITH	
R.H	RIGHT HAND		W/O	WITHOUT	
REF.NO.	REFERENCE		W/W	WOODWARD	
R/N	REFERENCE		W/PMP	WATER PUMP	
S/PMP	SEA WATER PUMP		W=	WIDTH	
SECT	SECTION		Z=	NUMBER OF GEAR TEETH	
S/MBR	SIDEMEMBER				

TABLE OF SYMBOLS & ABBREVIATIONS

SYMBOL	DESCRIPTION		SYMBOL	DESCRIPTION	
1ST	FIRST				
2ND	SECOND				
3RD	THIRD				
4TH	FOURTH				
5TH	FIFTH				
&	AND				
@	UNCONFIRMED				
*	PART NOT TO BE SUPPLIED				

CONTENTS

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This image shows a single page of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are approximately 20 lines visible. The paper has a slightly textured appearance and some minor discoloration or shadows, suggesting it might be a scan of a physical document. There is no handwriting or other markings on the page.

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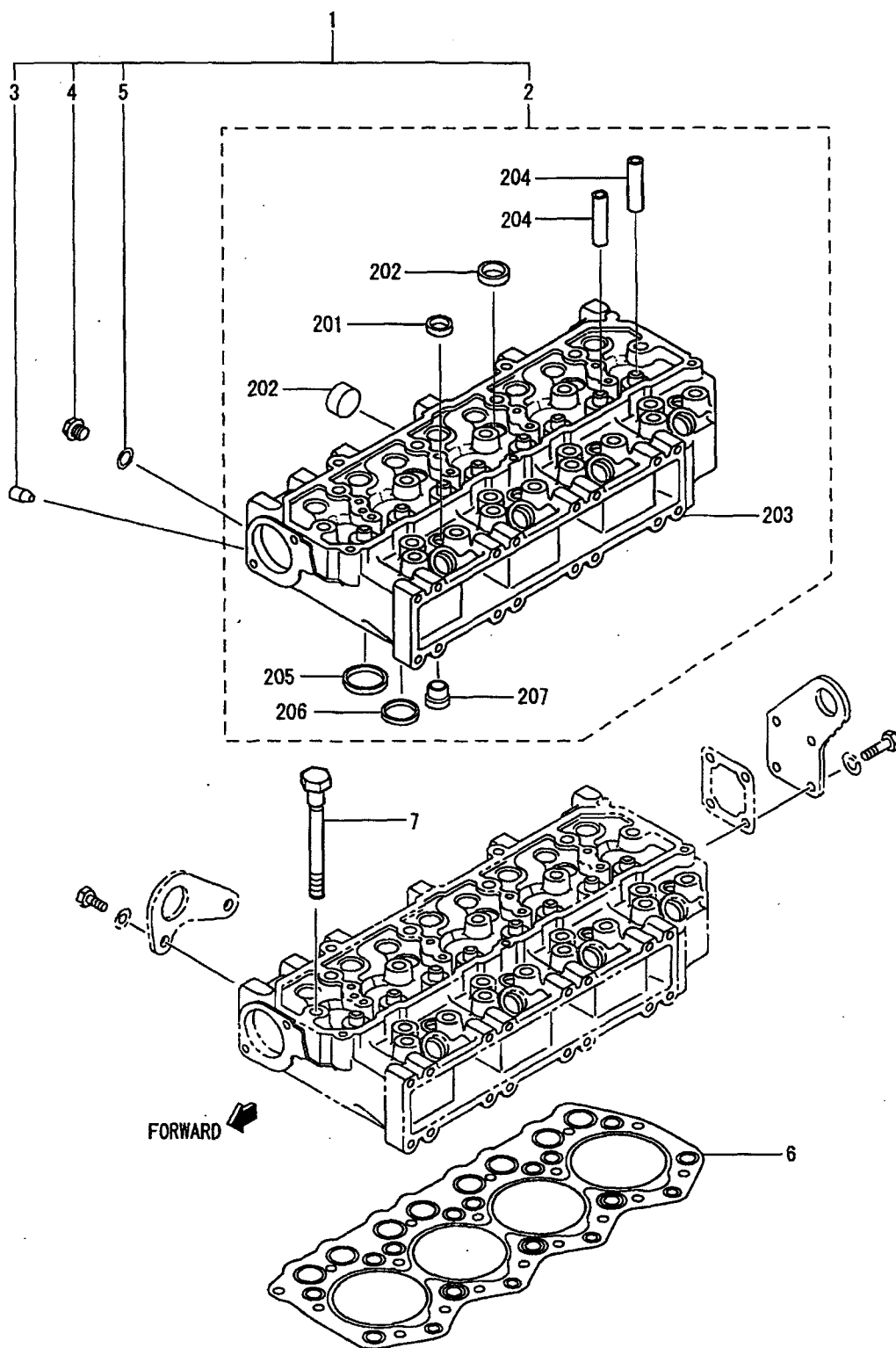
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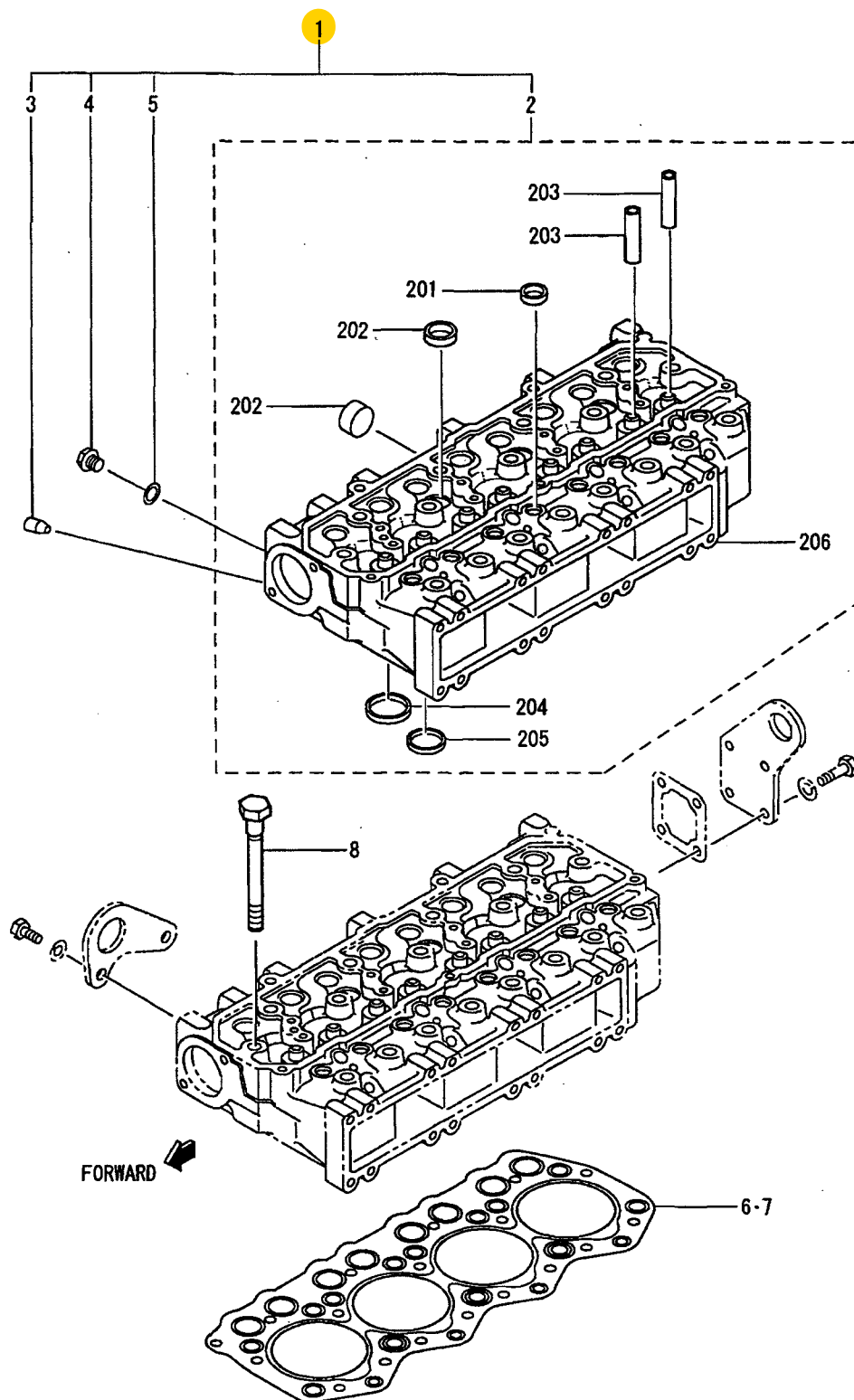


1:Y161DG
2:Y1DT61DG
3:Y2DT65DG
4:Y3DT65DG

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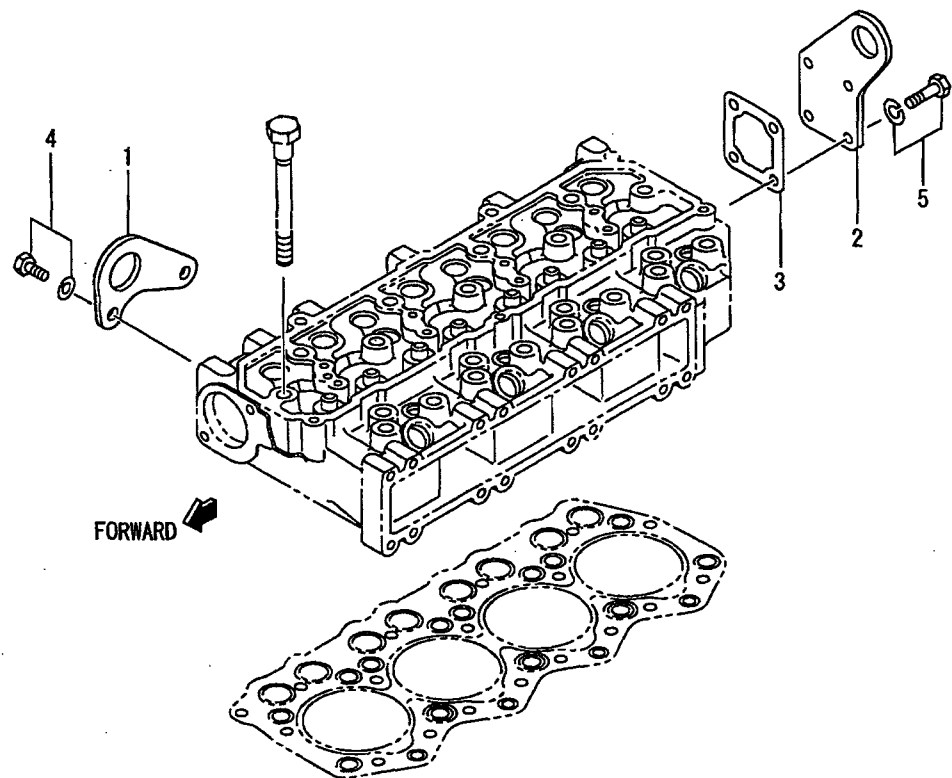
01-00-02 CYLINDER HEAD
(FOR DT61DG,DT65DG)

- 4-



1:Y161DG
2:Y1DT61DG
3:Y2DT65DG
4:Y3DT65DG

[illegible]

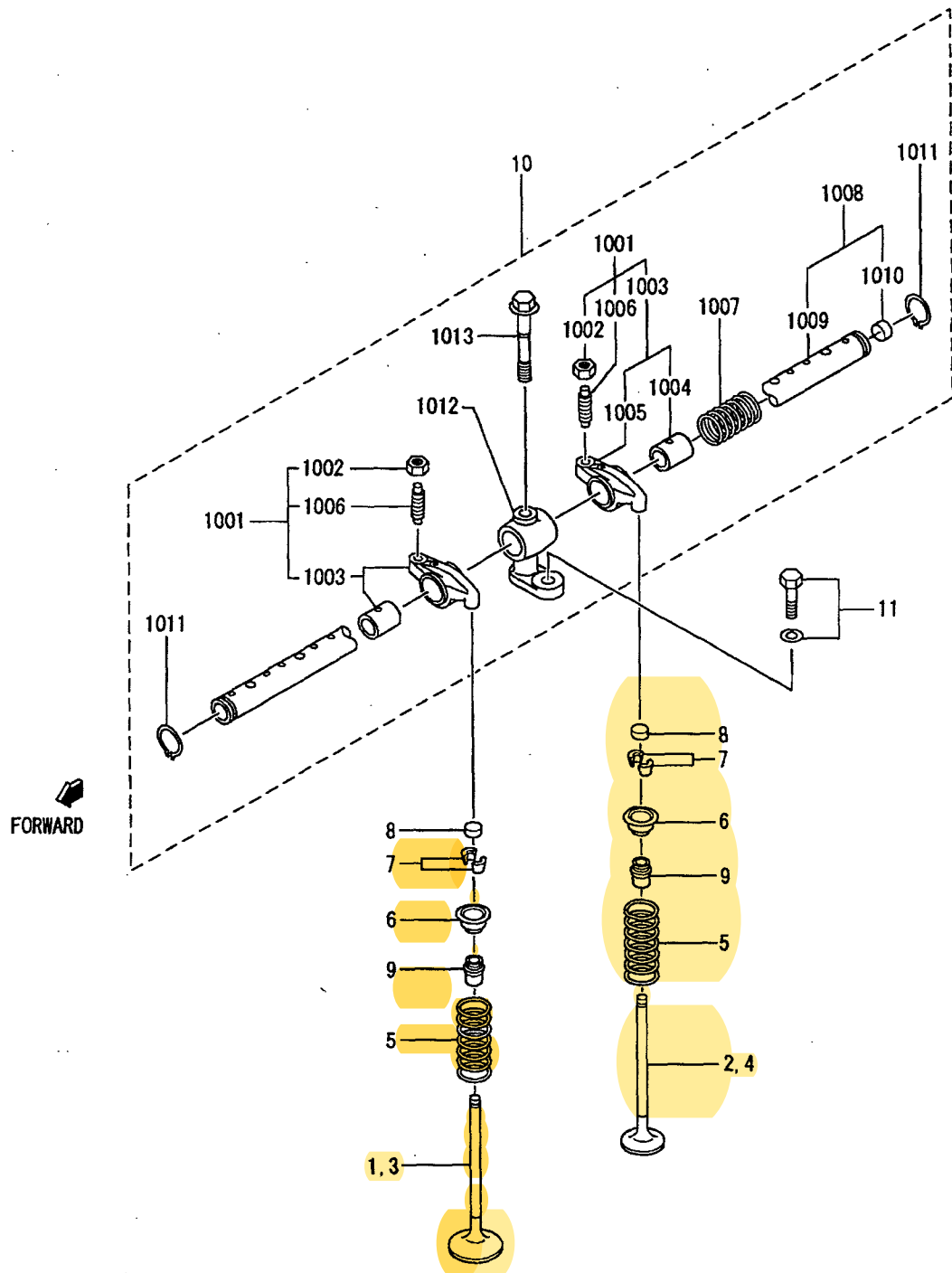


LIFTING EYE

1:Y161DG
2:Y1DT61DG
3:Y2DT65DG
4:Y3DT65DG

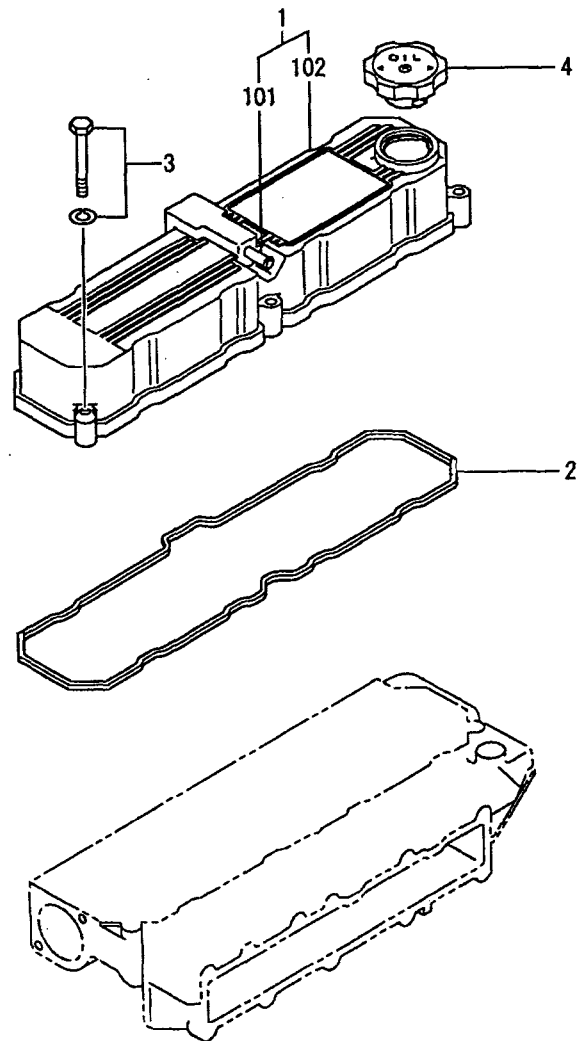
- 7-

[illegible]



REF. NO. 7 COMES IN PAIRS.

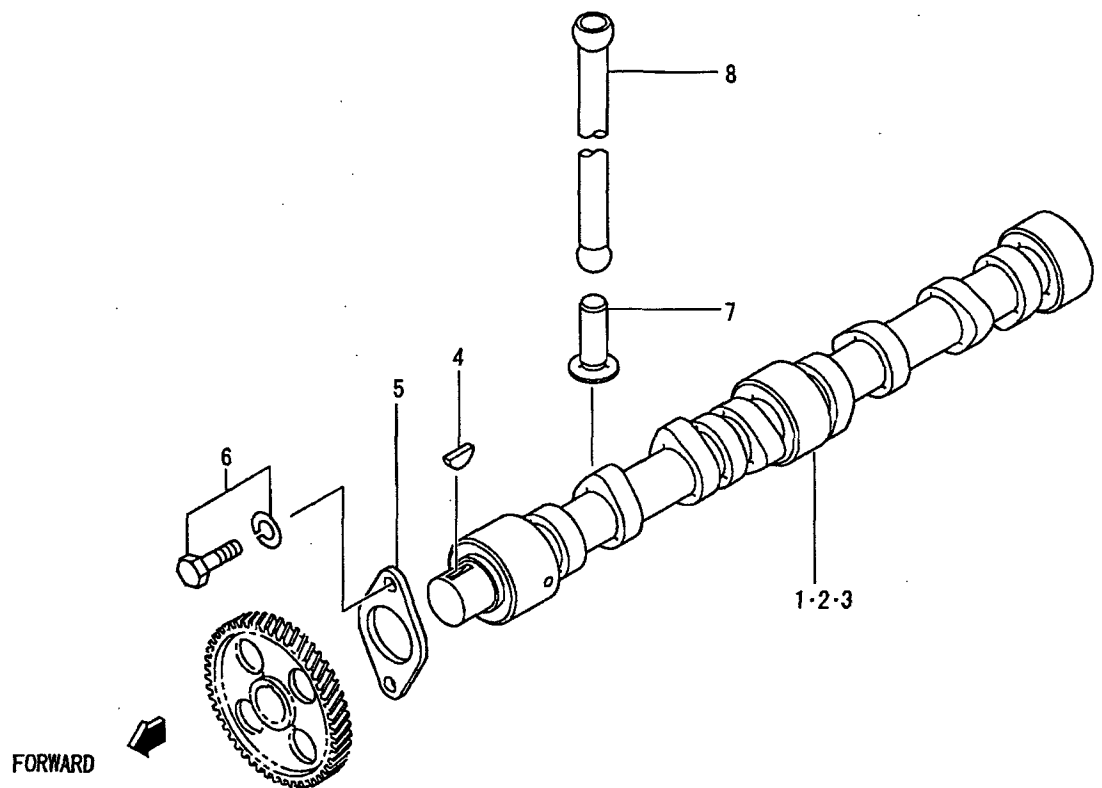
REF. -NO.	PART NO.	R / P	S EN Q G	PART NAME & DESCRIPTION	MODEL & QTY					APPLICABLE SERIAL NO.		M / R	V R D
					1	2	3	4		FROM@-	-@UPTO		
1	32A04-10100		C	VALVE, INLET	-	4	-	-			@117263		
	32A04-10101	R 1	C	VALVE, INLET	-	4	-	-			@117263		
	32A04-20100	3 2		VALVE, INLET	-	4	4	4					
2	32A04-11100		C	VALVE, EXHAUST	-	4	-	-			@117263		
	32A04-11101	R 1	C	VALVE, EXHAUST	-	4	-	-			@117263		
	32A04-21100	3 1		VALVE, EXHAUST	-	4	4	4					
3	32A04-10100		C	VALVE, INLET	4	-	-	-			@062152		
	32A04-10101	R 1	C	VALVE, INLET	4	-	-	-			@062152		
	32A04-20100	3 2		VALVE, INLET	4	-	-	-					
4	32A04-11100		C	VALVE, EXHAUST	4	-	-	-			@062152		
	32A04-11101	R 1	C	VALVE, EXHAUST	4	-	-	-			@062152		
	32A04-21100	3 2		VALVE, EXHAUST	4	-	-	-					
5	30604-21401		C	SPRING, VALVE	8	8	-	-					
	30604-21402	R 1		SPRING, VALVE	8	8	8	8				A	
6	30604-31601			RETAINER, UPPER	8	8	8	8					
7	34404-02901			COTTER, VALVE	16	16	16	16				A	
8	31304-11700			CAP	8	8	8	8					
9	32A04-02801			SEAL, VALVE STEM	8	8	8	8				A	
10	*			ROCKER & SHAFT ASSY	1	1	1	1					
10 01	32A04-02010		C	ROCKER ASSY	8	8	-	-			@103330		
	32A04-22010	G 1		ROCKER ASSY	8	8	8	8		103331@			
10 02	F2325-08000			NUT, JAM	8	8	8	8				A	
10 03	*			ROCKER & BUSHING	8	8	8	8					
10 04	*			BUSHING	8	8	8	8					
10 05	*			ROCKER	8	8	8	8					
10 06	32A04-02400		C	SCREW, ROCKER	8	8	-	-					
	32A04-02401	R 1		SCREW, ROCKER	8	8	8	8					
10 07	32A04-02500		C	SPRING, ROCKER	3	3	-	-			@103330		
	32C04-04501	N 1		SPRING, ROCKER	3	3	3	3		103331@			
10 08	32A04-04010		C	SHAFT ASSY, ROCKER	1	1	-	-					
	32A04-04011	R 1		SHAFT ASSY, ROCKER	1	1	1	1					
10 09	*			SHAFT, ROCKER	1	1	1	1					
10 10	04826-21200			CAP, SEALING	2	2	2	2					
10 11	32A04-04300		C	RING, SNAP	2	2	-	-			@103330	A	
	MF522010	3 1		RING, SNAP	2	2	2	2				A	
10 12	32A04-04700		C	BRACKET, ROCKER SHAFT	4	4	-	-					
	32A04-04701	R 1		BRACKET, ROCKER SHAFT	4	4	4	4					
10 13	32A04-04800		C	BOLT, ROCKER BRACKET	4	4	-	-					
	32A04-04801	R 1		BOLT, ROCKER BRACKET	4	4	4	4					
11	MF241255			BOLT, W/WASHER	4	4	4	4				A	



ROCKER COVER

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615MA8-02

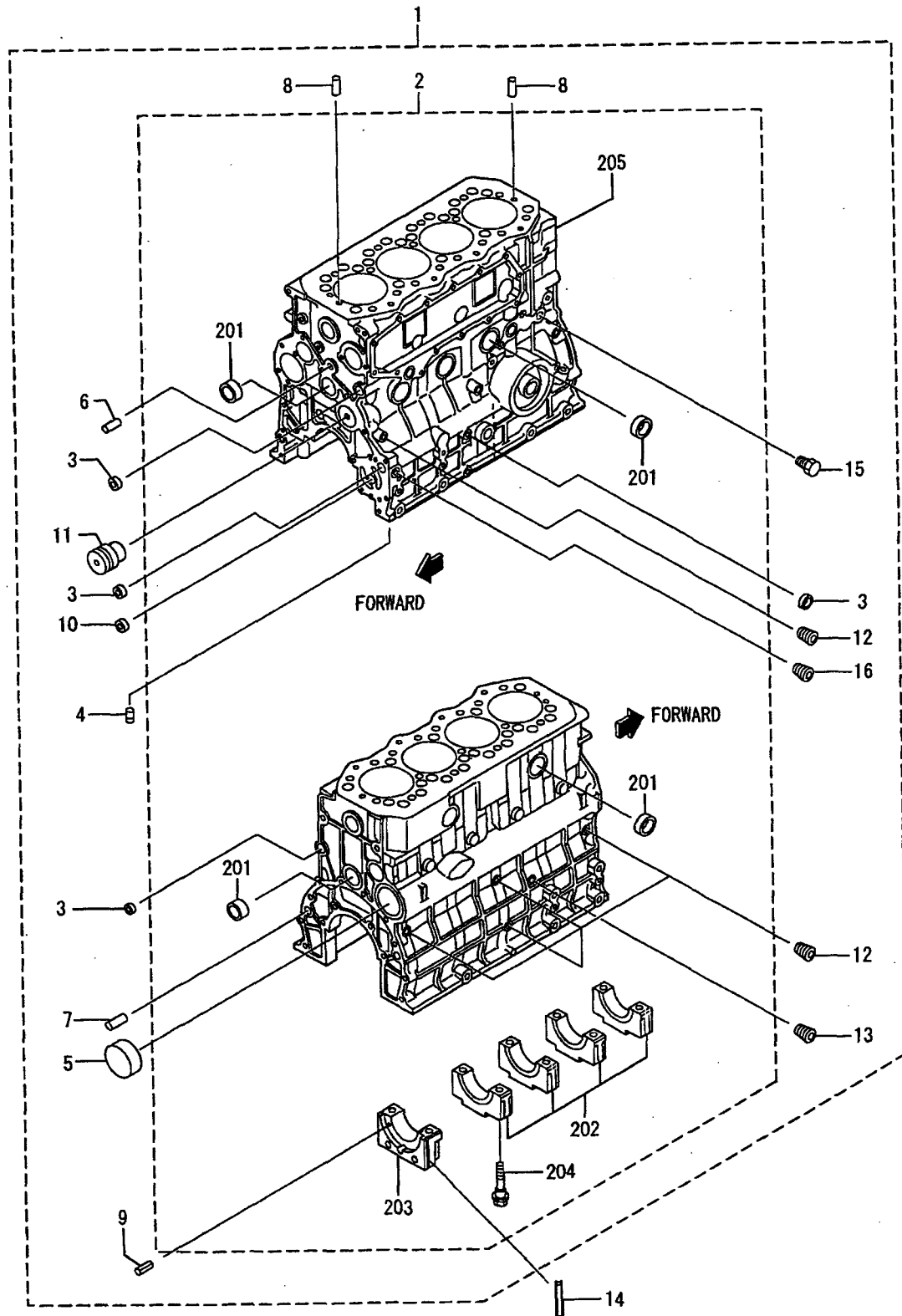


CAMSHAFT

- 13-

615MA8-02

07-01-01 CRANKCASE ASSY
(FOR Y161DG)



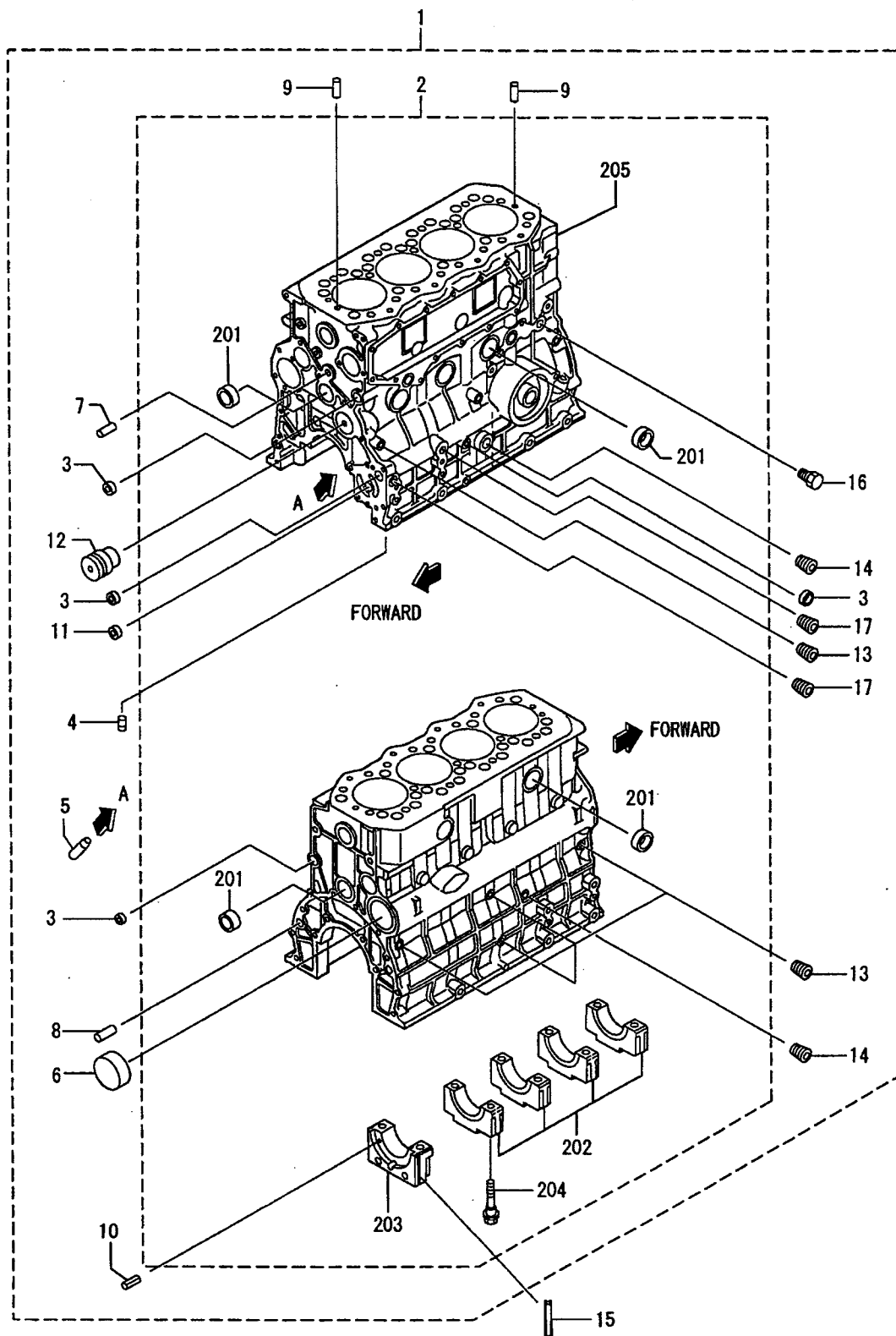
07-01-01 CRANKCASE ASSY
(FOR Y161DG)

1:Y161DG
2:Y1DT61DG
3:Y2DT65DG
4:Y3DT65DG

- 15-

REF. -NO.	PART NO.	R / P	S E N Q G	PART NAME & DESCRIPTION	MODEL & QTY					APPLICABLE SERIAL NO.		M / R	V R D
					1	2	3	4		FROM@-	-@UPTO		
1	32A07-01015		C	CRANKCASE ASSY	1	.	.	.			@107994		
	32A07-01016	R	1 C	CRANKCASE ASSY	1	.	.	.			@107994		
	32A07-11010	3	2 C	CRANKCASE ASSY	1	.	.	.			@117658		
	32A07-21010	3	3 C	CRANKCASE ASSY	1	.	.	.			@120187		
	32A07-31010	3	4 C	CRANKCASE ASSY	1	.	.	.					
2	32A07-41010	R	5	CRANKCASE ASSY	1	.	.	.					
	*			CRANKCASE SUB ASSY	1	.	.	.					
2 01	04826-23500			CAP, SEALING	10	.	.	.					
2 02	*			CAP, BEARING	4	.	.	.					
2 03	*			CAP, BEARING REAR	1	.	.	.					
2 04	32A07-02600			BOLT, BEARING CAP	10	.	.	.					A
2 05	*			CRANKCASE	1	.	.	.					
3	04826-21800			CAP, SEALING	4	.	.	.					
4	*			PLUG	3	.	.	.					
5	34307-02100			PLUG, CAM	1	.	.	.					
6	32A07-01500		C	PIN, DOWEL	2	.	.	.					A
	32A07-01501	R	1	PIN, DOWEL	2	.	.	.					A
7	MF472446			PIN, DOWEL	2	.	.	.					A
8	F2846-05000			PIN, DOWEL	2	.	.	.					A
9	F2850-04008			PIN, SPRING	6	.	.	.					A
10	05660-01410			BUSHING	1	.	.	.					
11	32A23-03500			SHAFT, IDLER	1	.	.	.					
12	MS661140			PLUG, TAPERED	7	.	.	.					A
13	MS661142			PLUG, TAPERED	1	.	.	.					A
14	32A07-11700			SEAL, SIDE	2	.	.	.					A
15	MD000269			PLUG, TAPERED	1	.	.	.					A
16	04827-90170	A		PLUG, TAPERED	1	.	.	.		120188@			A

07-01-02 CRANKCASE ASSY
(FOR DT61DG,DT65DG)

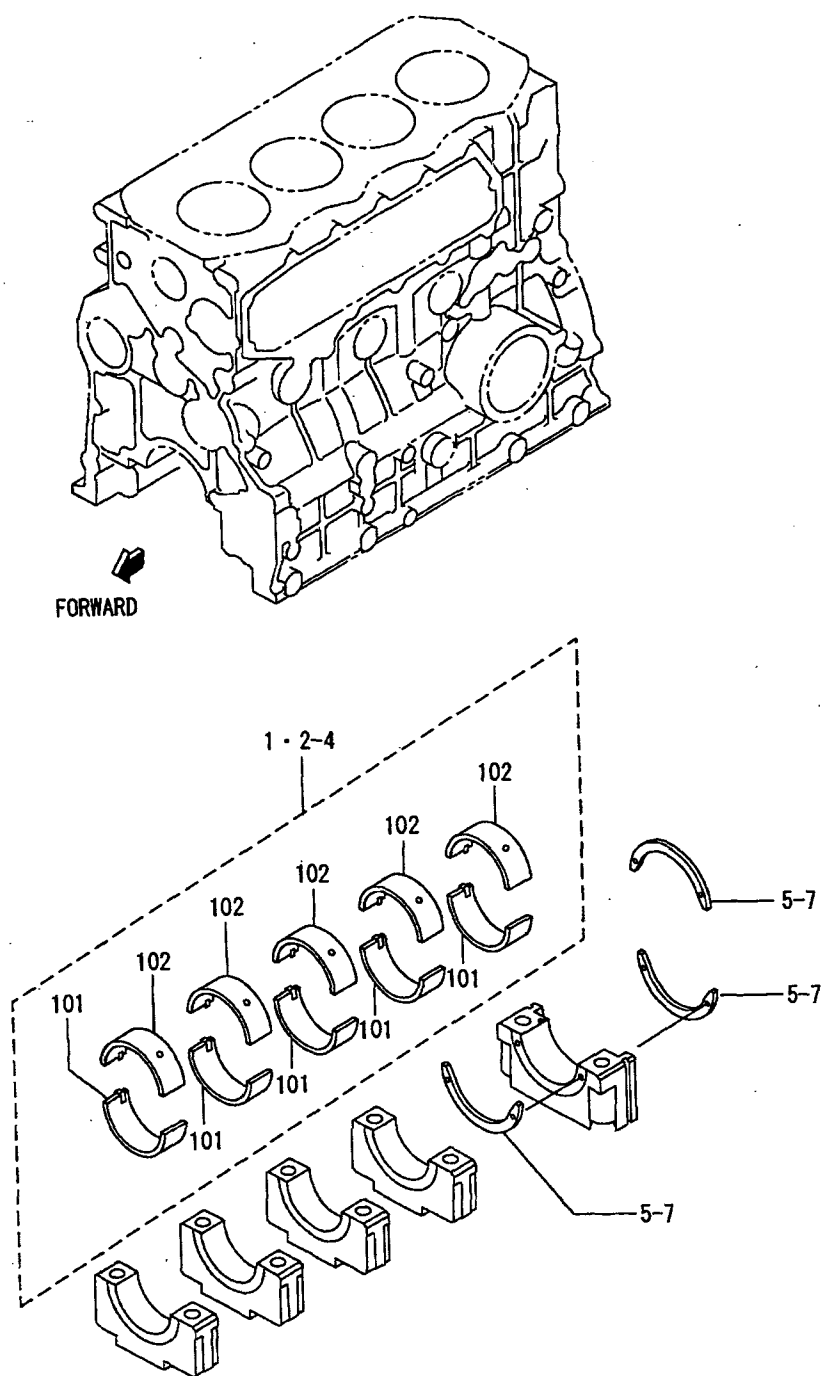


07-01-02 CRANKCASE ASSY
(FOR DT61DG,DT65DG)

1:Y161DG
2:Y1DT61DG
3:Y2DT65DG
4:Y3DT65DG

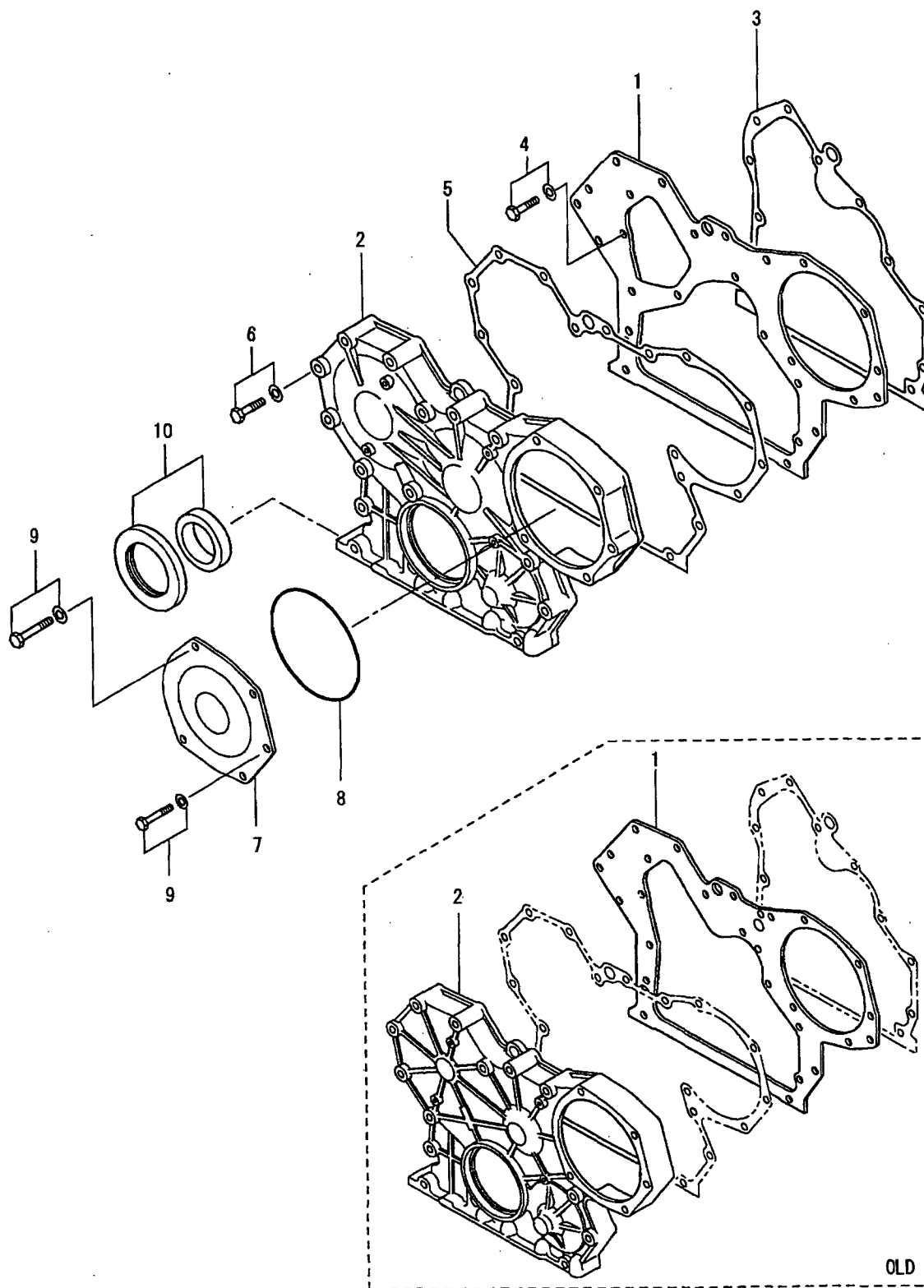
- 17-

REF. -NO.	PART NO.	R / P	S C E N P Q G	PART NAME & DESCRIPTION	MODEL & QTY						APPLICABLE SERIAL NO.		M / R	V / R D
					1	2	3	4			FROM@-	-@UPTO		
1	32A07-04012		C	CRANKCASE ASSY	.	1	.	.				@084819		
	32A07-04013	3	1 C	CRANKCASE ASSY	.	1	.	.				@105868		
	32A07-14010	3	2 C	CRANKCASE ASSY	.	1	.	.				@115538		
	32A07-24010	3	3 C	CRANKCASE ASSY	.	1	.	.				@120212		
	32A07-34010	3	4 C	CRANKCASE ASSY	.	1	.	.				@179008		
2	32A07-44010	3	5	CRANKCASE ASSY	.	1	1	1						
	*			CRANKCASE SUB ASSY	.	1	1	1						
2 01	04826-23500			CAP, SEALING	.	10	10	10						
2 02	*			CAP, BEARING	.	4	4	4						
2 03	*			CAP, BEARING REAR	.	1	1	1						
2 04	32A07-02600			BOLT, BEARING CAP	.	10	10	10						A
2 05	*			CRANKCASE	.	1	1	1						
3	04826-21800			CAP, SEALING	.	4	4	4						
4	*			PLUG	.	3	3	3						
5	32A07-01800			VALVE, CHECK	.	4	4	4						
6	34307-02100			PLUG, CAM	.	1	1	1						
7	32A07-01500		C	PIN, DOWEL	.	2	.	.						A
	32A07-01501	R	1	PIN, DOWEL	.	2	2	2						A
8	MF472446			PIN, DOWEL	.	2	2	2						A
9	F2846-05000			PIN, DOWEL	.	2	2	2						A
10	F2850-04008			PIN, SPRING	.	6	6	6						A
11	05660-01410			BUSHING	.	1	1	1						
12	32A23-03500			SHAFT, IDLER	.	1	1	1						
13	MS661140			PLUG, TAPERED	.	7	7	7						A
14	MS661142			PLUG, TAPERED	.	2	2	2						A
15	32A07-11700			SEAL, SIDE	.	2	2	2						A
16	MD000269			PLUG, TAPERED	.	1	1	1						A
17	04827-90170	A		PLUG, TAPERED	.	2	2	2			120213@			A

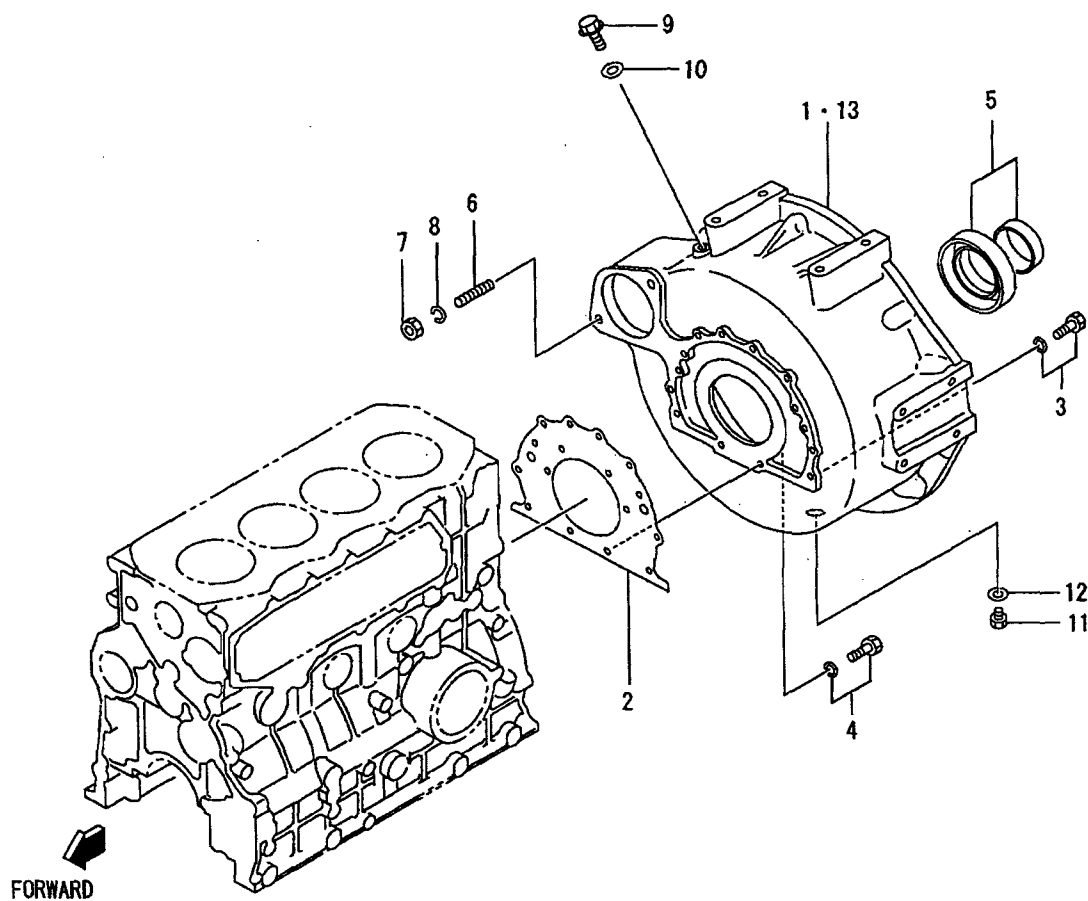


[illegible]

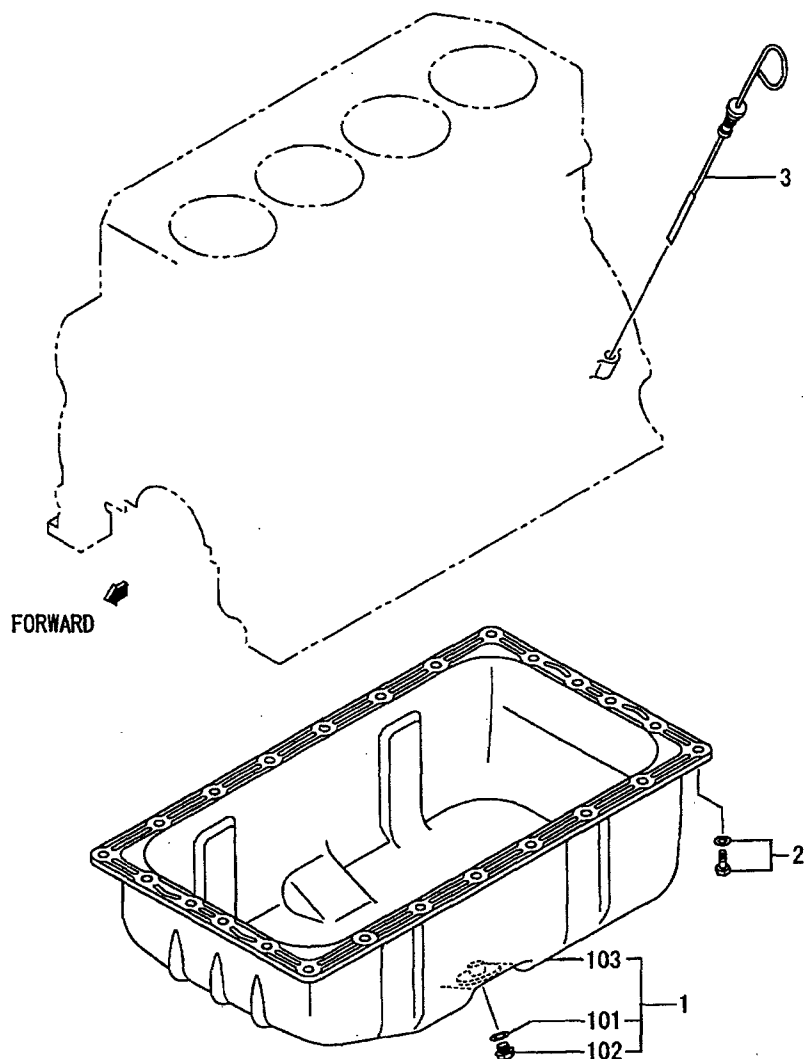
TIMING GEAR CASE



[illegible]

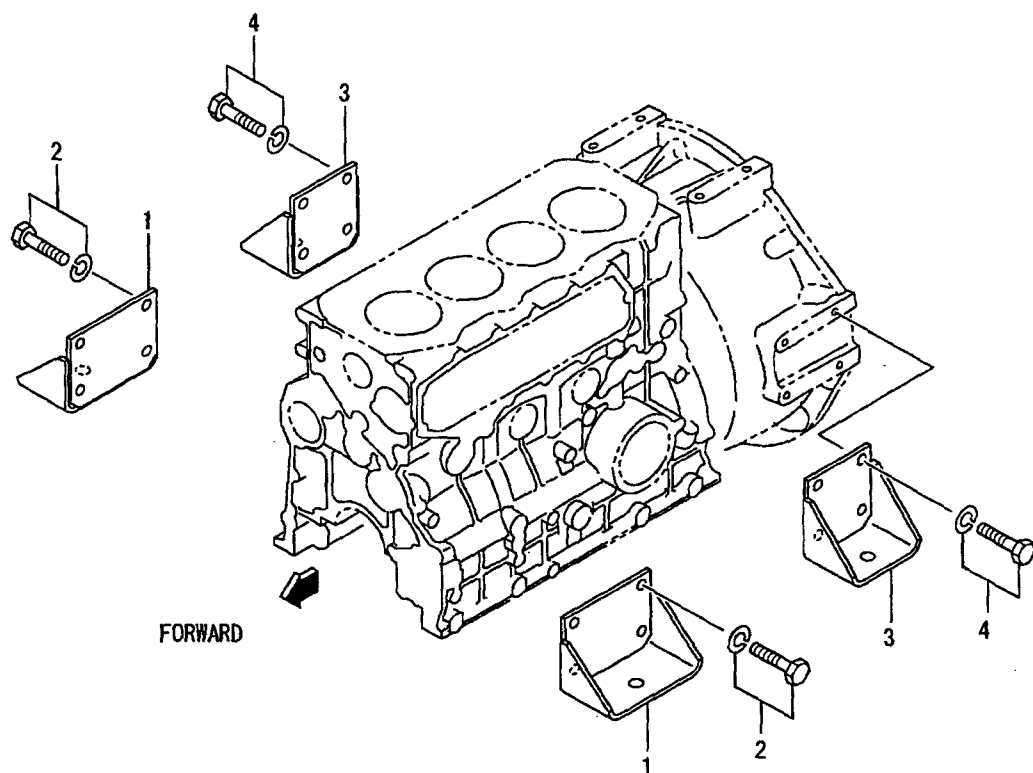


[illegible]



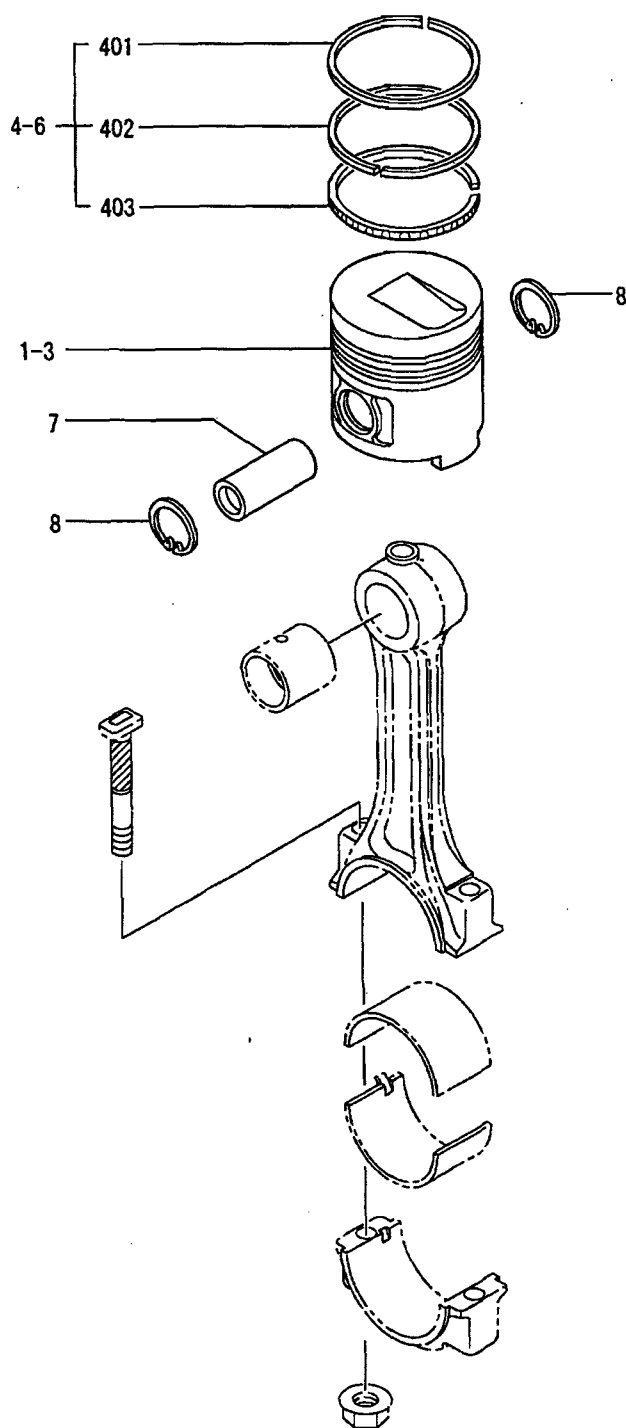
[illegible]

ENGINE MOUNTING
FOR Y161DG,Y1DT61DG



[illegible]

17-00-01 PISTON
(FOR Y161DG)



1:Y161DG
2:Y1DT61DG
3:Y2DT65DG
4:Y3DT65DG

[illegible]



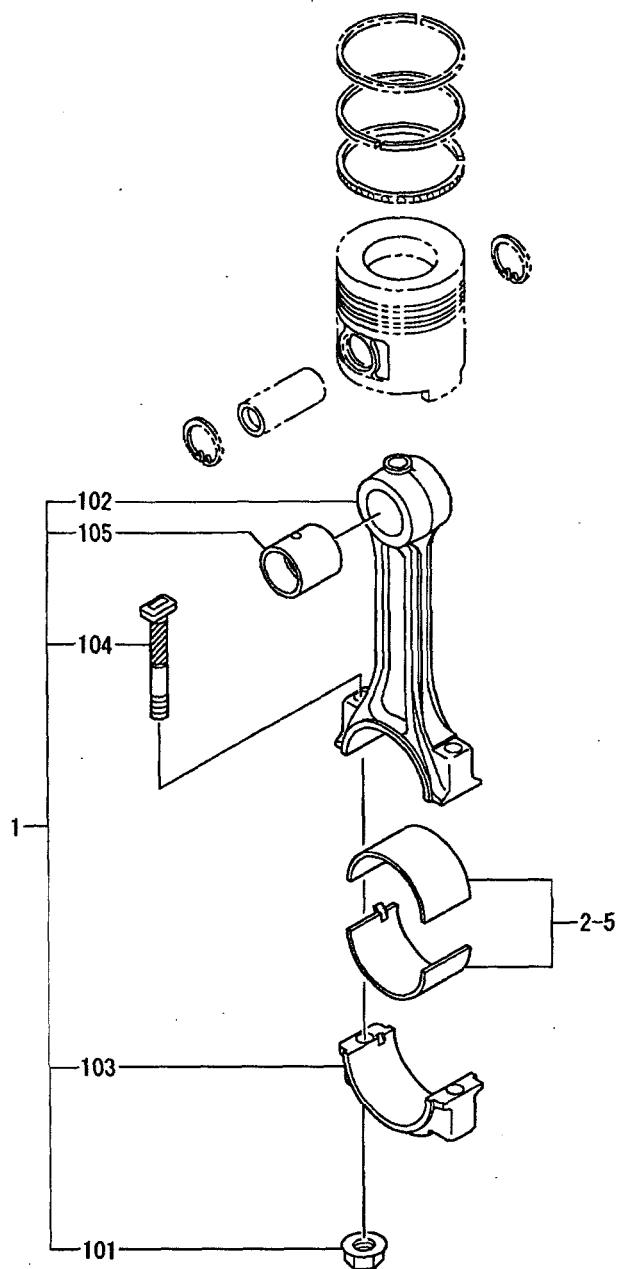
17-00-02 PISTON
(FOR DT61DG,DT65DG)

1:Y161DG
2:Y1DT61DG
3:Y2DT65DG
4:Y3DT65DG

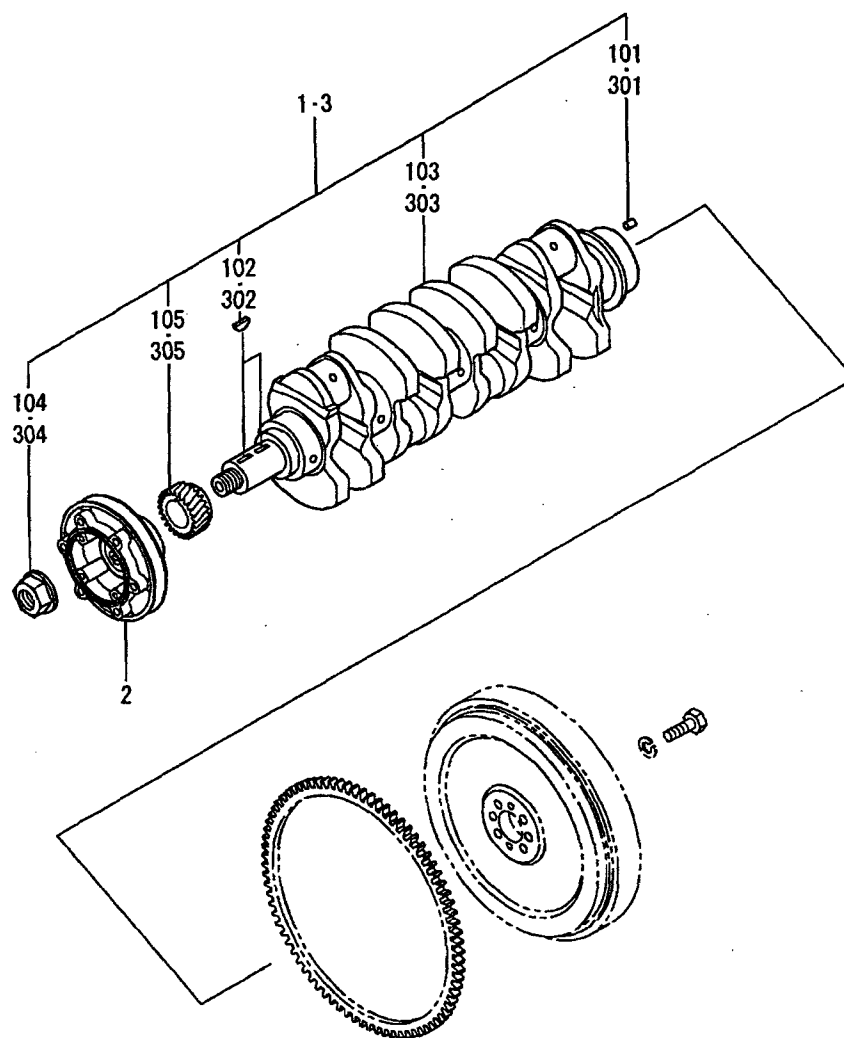
- 31-

REF. -NO.	PART NO.	R / P	SC EN QG	PART NAME & DESCRIPTION	MODEL & QTY						APPLICABLE SERIAL NO.		M / R	V R D
					1	2	3	4			FROM@-	-@UPTO		
1	32B17-06100			PISTON	STD	.	4	-	-				A	
2	32B17-06200			PISTON	O. S 0. 25	.	4	-	-				A	
3	32B17-06300			PISTON	O. S 0. 50	.	4	-	-				A	
4	34417-02012			RING SET, PISTON	STD	.	4	-	-					
4 01	*			RING, NO. 1		.	4	-	-					
4 02	*			RING, NO. 2		.	4	-	-					
4 03	*			RING, OIL		.	4	-	-					
5	34417-02022			RING SET, PISTON	O. S 0. 25	.	4	-	-					
6	34417-02032			RING SET, PISTON	O. S 0. 50	.	4	-	-					
7	32A17-08200		C	PIN, PISTON		.	4	4	4			@107994		
8	32A17-08300	3	1	PIN, PISTON		.	4	4	4				A	
	F3202-03000			RING, SNAP		.	8	8	8					
9	32A17-04500	A		PISTON	STD	.	.	4	.		180941-			
10	32A17-04600	A		PISTON	O. S 0. 25	.	.	4	.		180941-			
11	32A17-04700	A		PISTON	O. S 0. 50	.	.	4	.		180941-			
12	32A17-02010	A		RING SET, PISTON	STD	.	.	4	.		180941-			
12 01	*			RING, NO. 1		.	.	4	.					
12 02	*			RING, NO. 2		.	.	4	.					
12 03	*			RING, OIL		.	.	4	.					
13	32A17-02020	A		RING SET, PISTON	O. S 0. 25	.	.	4	.		180941-			
14	32A17-02030	A		RING SET, PISTON	O. S 0. 50	.	.	4	.		180941-			
15	32A17-08500	A		PISTON	STD	.	.	.	4		198491-		V	
16	32A17-08600	A		PISTON	O. S 0. 25	.	.	.	4		198491-		V	
17	32A17-08700	A		PISTON	O. S 0. 50	.	.	.	4		198491-		V	
18	32A17-03010	A		RING SET, PISTON	STD	.	.	.	4		198491-		V	
18 01	*			RING, NO. 1		.	.	.	4					
18 02	*			RING, NO. 2		.	.	.	4					
18 03	*			RING, OIL		.	.	.	4					
19	32A17-03020	A		RING SET, PISTON	O. S 0. 25	.	.	.	4		198491-		V	
20	32A17-03030	A		RING SET, PISTON	O. S 0. 50	.	.	.	4		198491-		V	

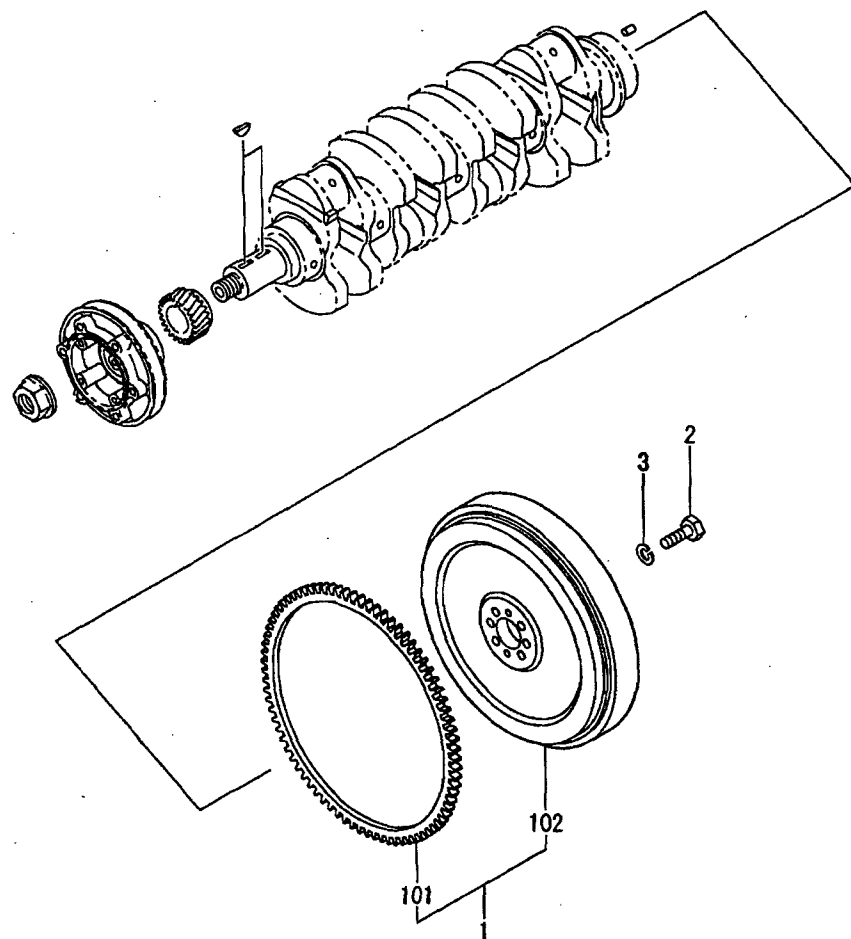
CONNECTING ROD



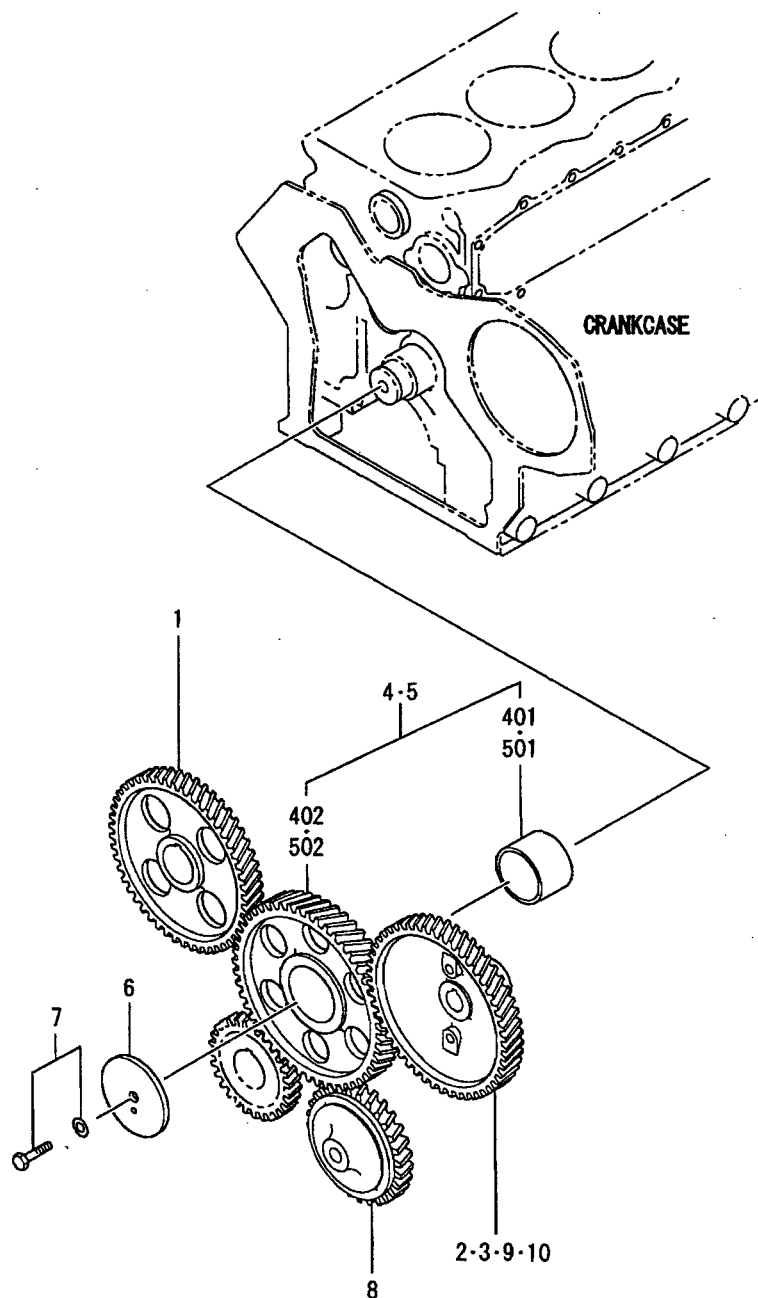
[illegible]



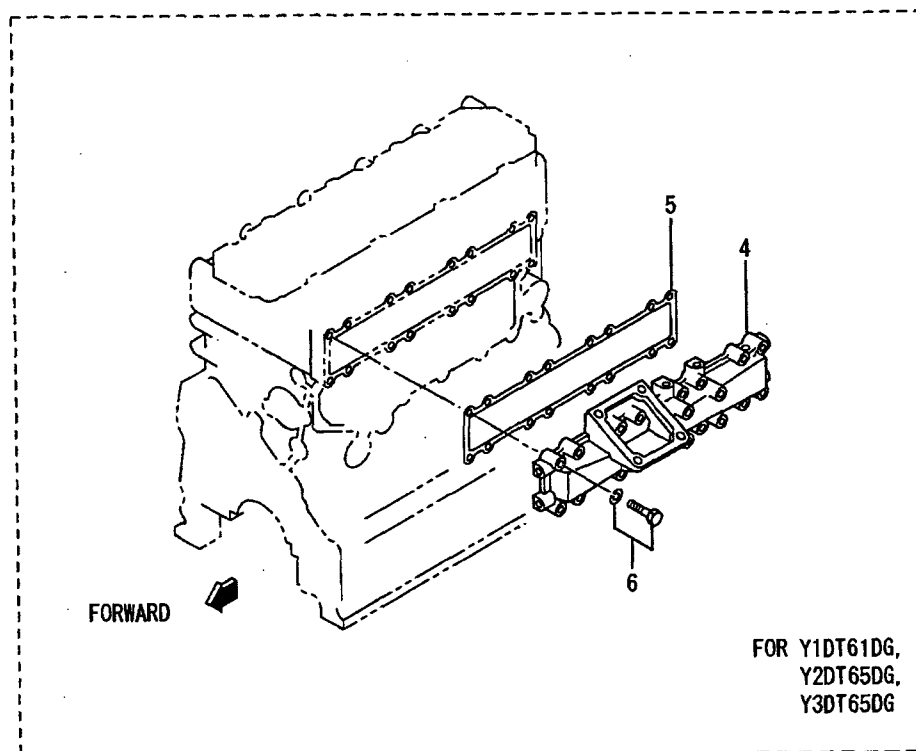
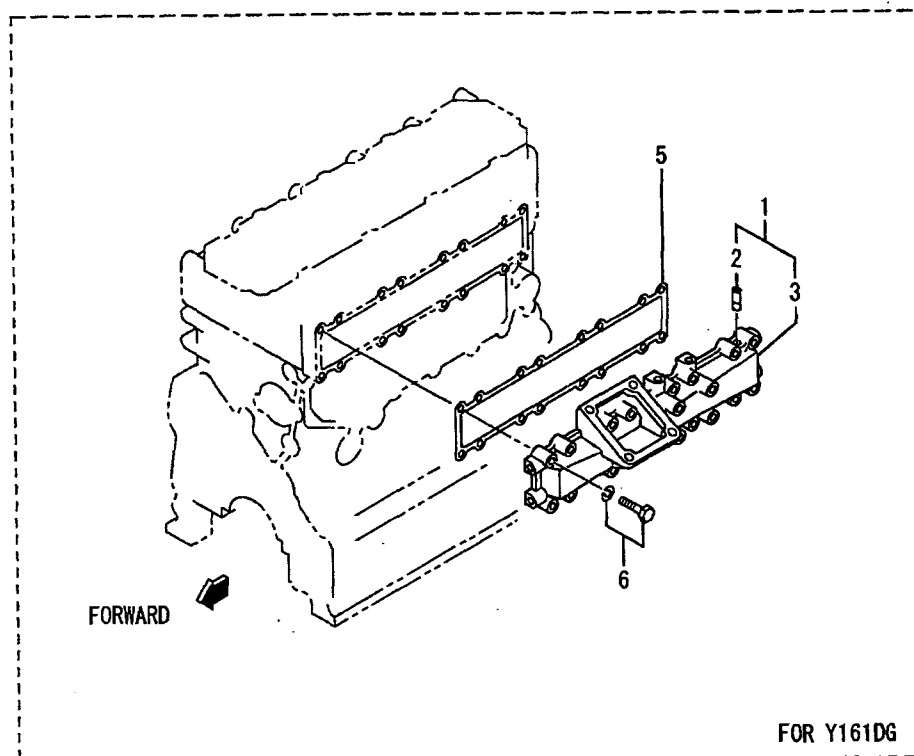
[illegible]



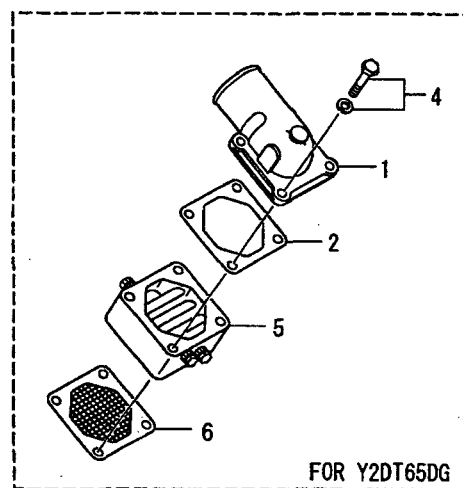
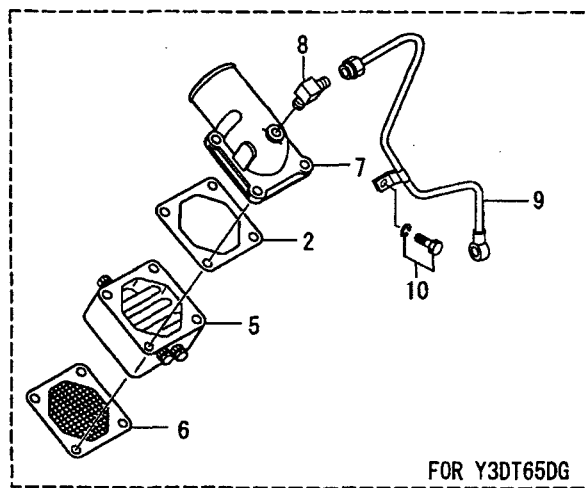
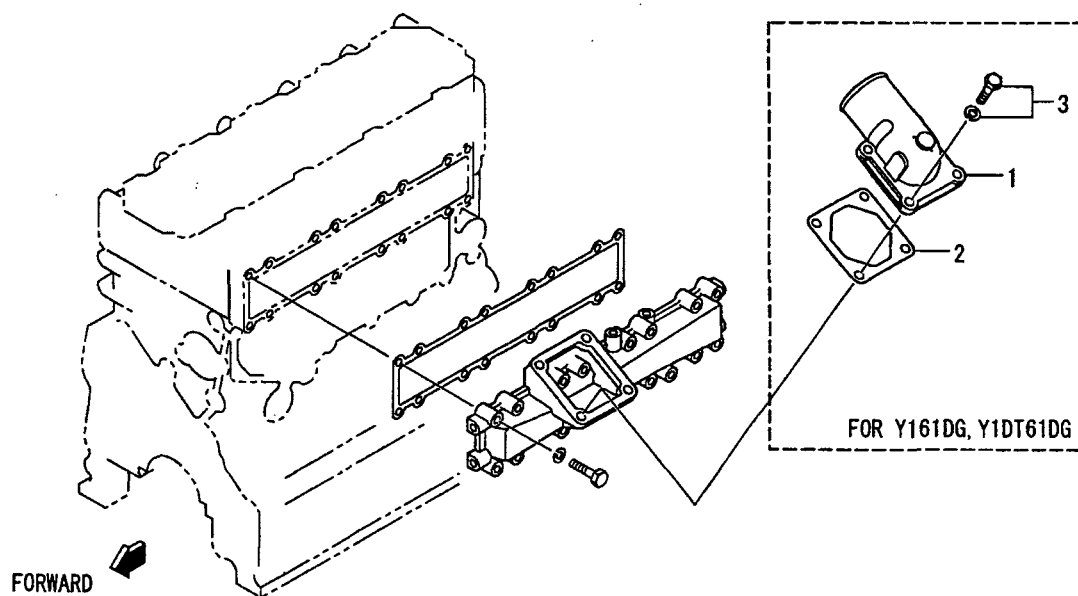
[illegible]



[illegible]



[illegible]



INLET PIPE

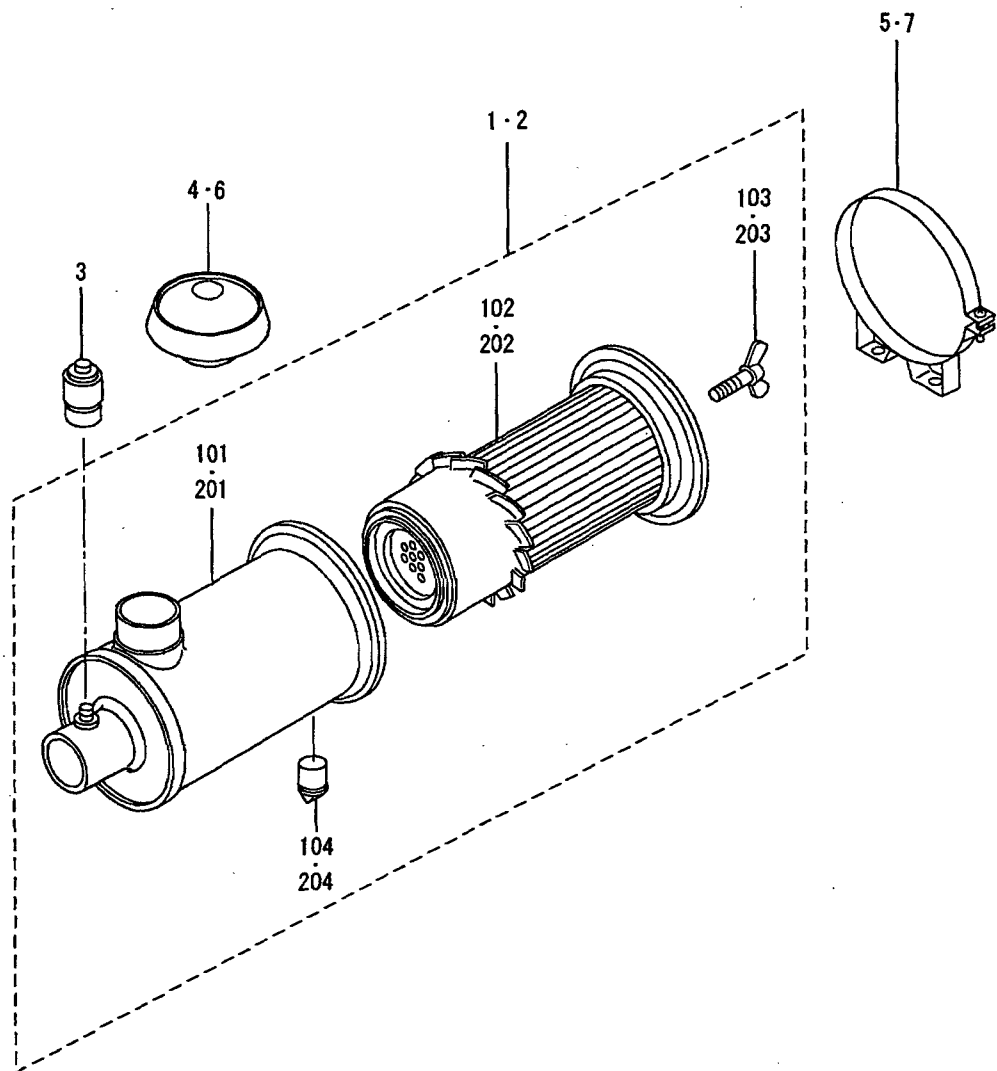
1:Y161DG
2:Y1DT61DG
3:Y2DT65DG
4:Y3DT65DG

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[illegible]

30-04

AIR CLEANER
(UP TO E/# 102337)



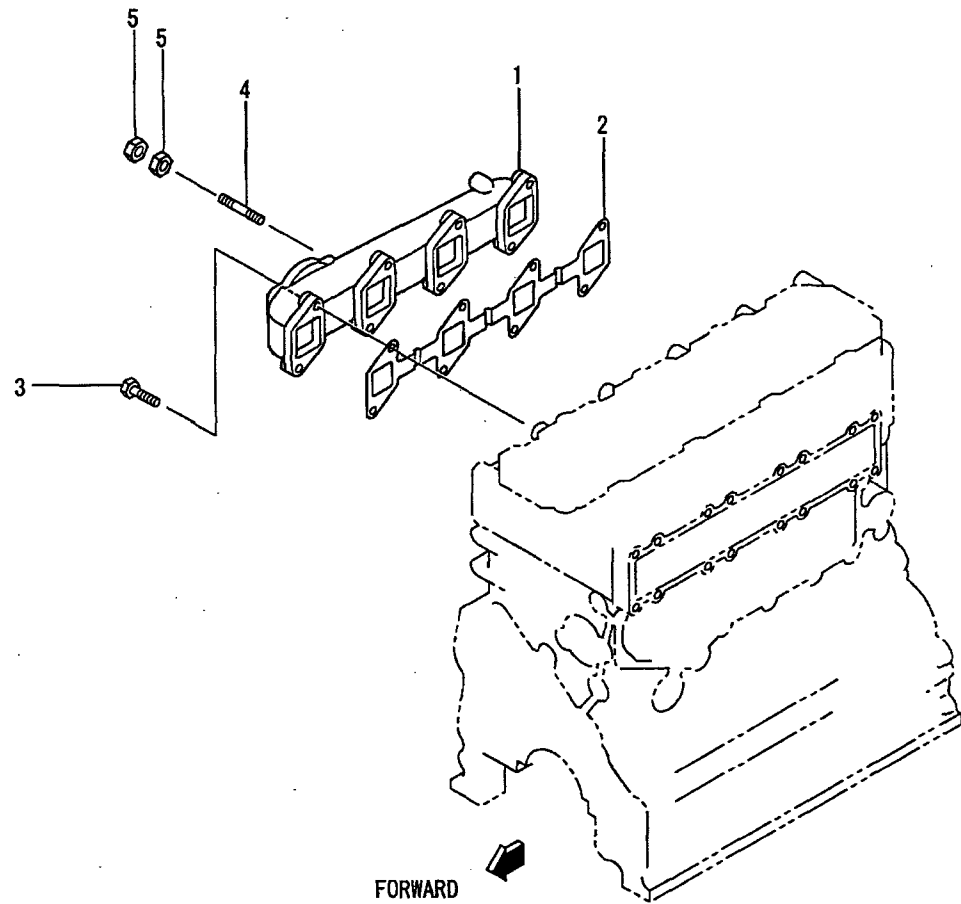
AIR CLEANER
(UP TO E/# 102337)

1:Y161DG
2:Y1DT61DG
3:Y2DT65DG
4:Y3DT65DG

- 45 -

[illegible]

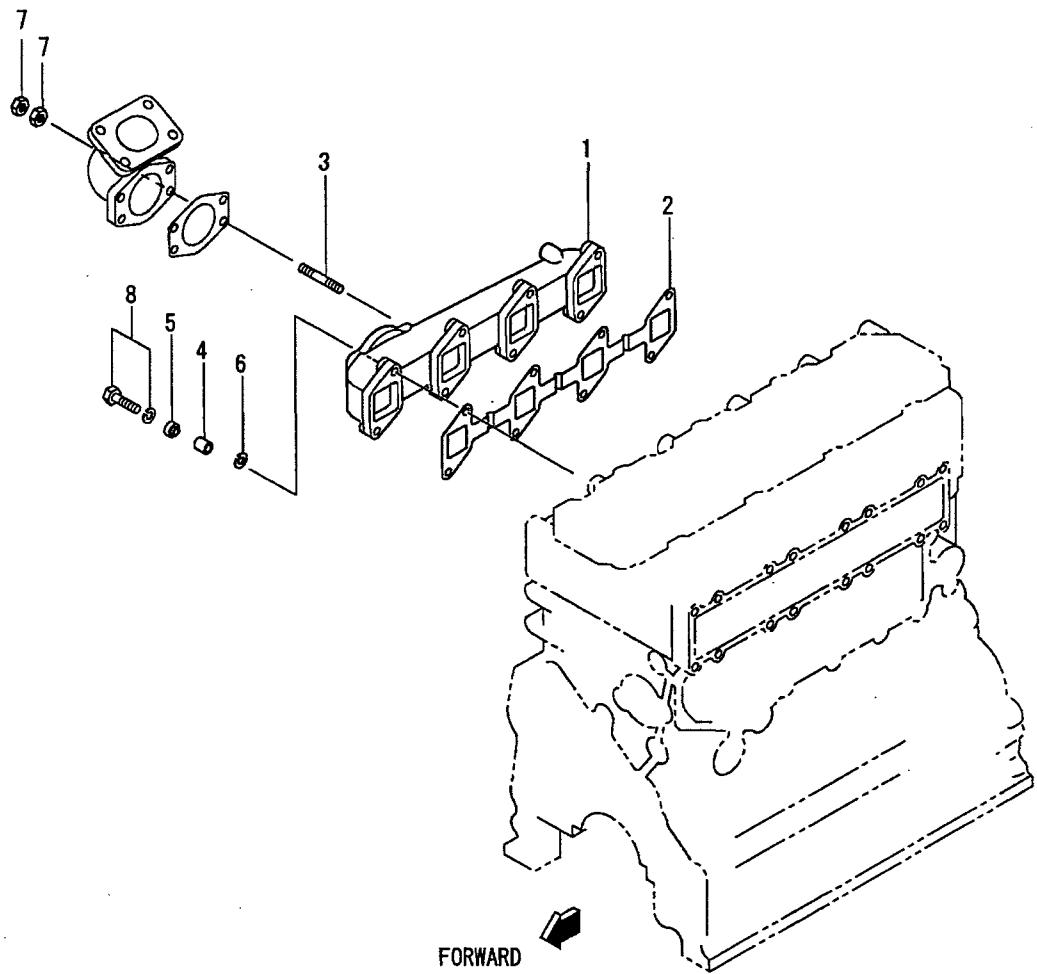
32-00-01 EXHAUST SYSTEM
(FOR Y161DG)



1:Y161DG
2:Y1DT61DG
3:Y2DT65DG
4:Y3DT65DG

[illegible]

32-00-02 EXHAUST SYSTEM
(FOR DT61DG,DT65DG)

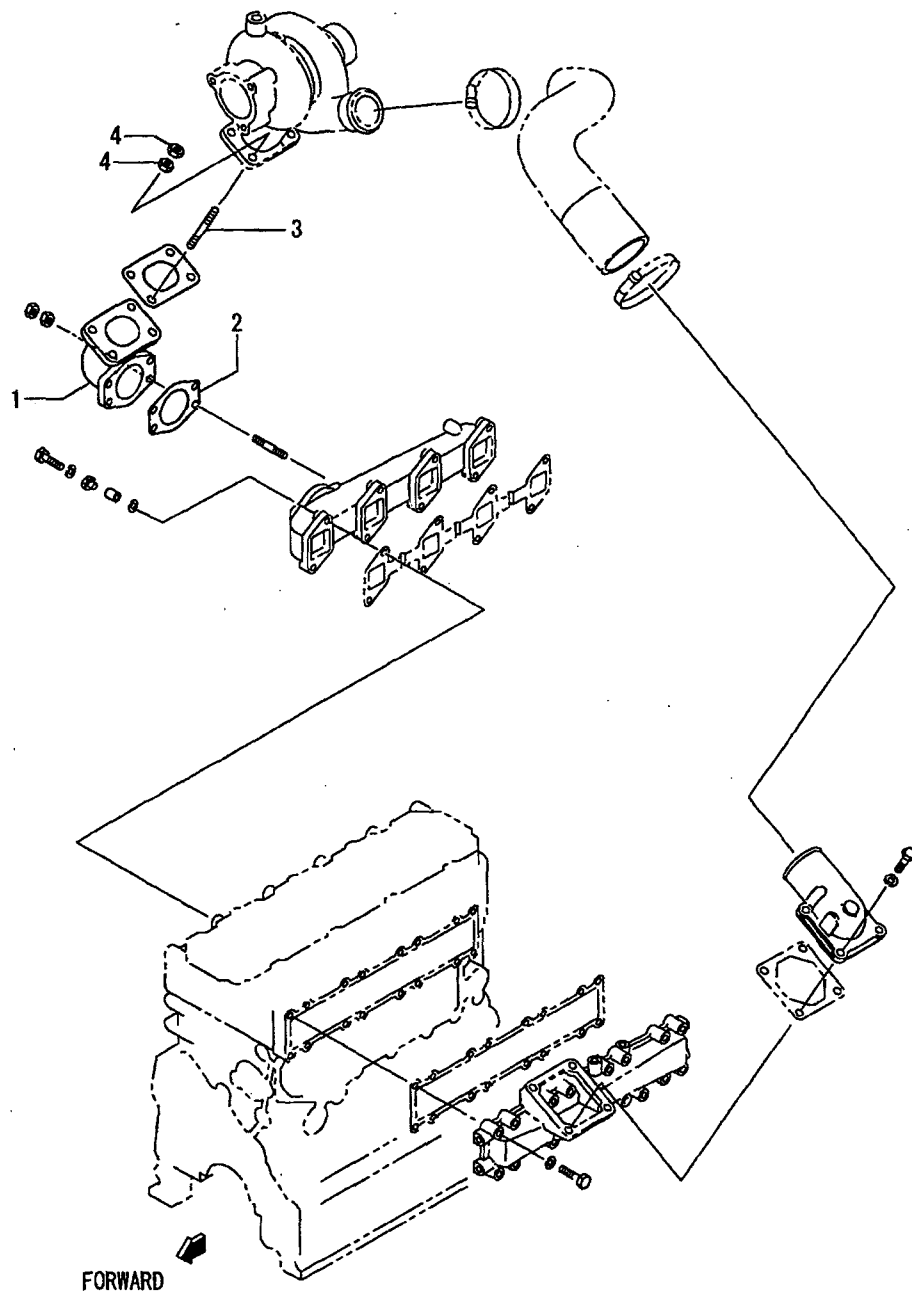


1:Y161DG
2:Y1DT61DG
3:Y2DT65DG
4:Y3DT65DG

[illegible]

32-02

EXHAUST PIPE
(FOR DT61DG,DT65DG)



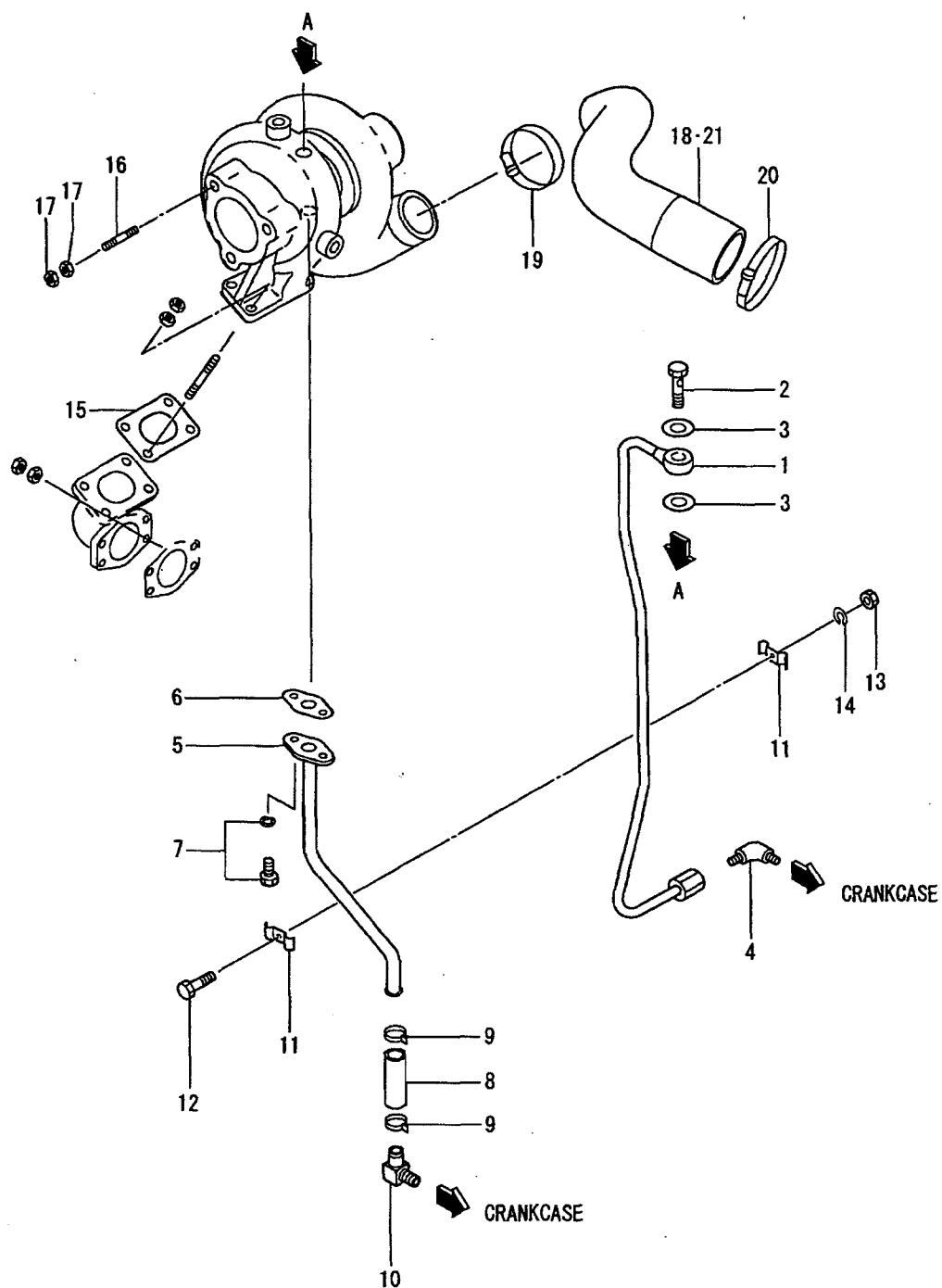
EXHAUST PIPE (FOR DT61DG,DT65DG)

1:Y161DG
2:Y1DT61DG
3:Y2DT65DG
4:Y3DT65DG

- 51 -

[illegible]

33-00-01 TURBOCHARGER (FOR DT61DG,DT65DG)



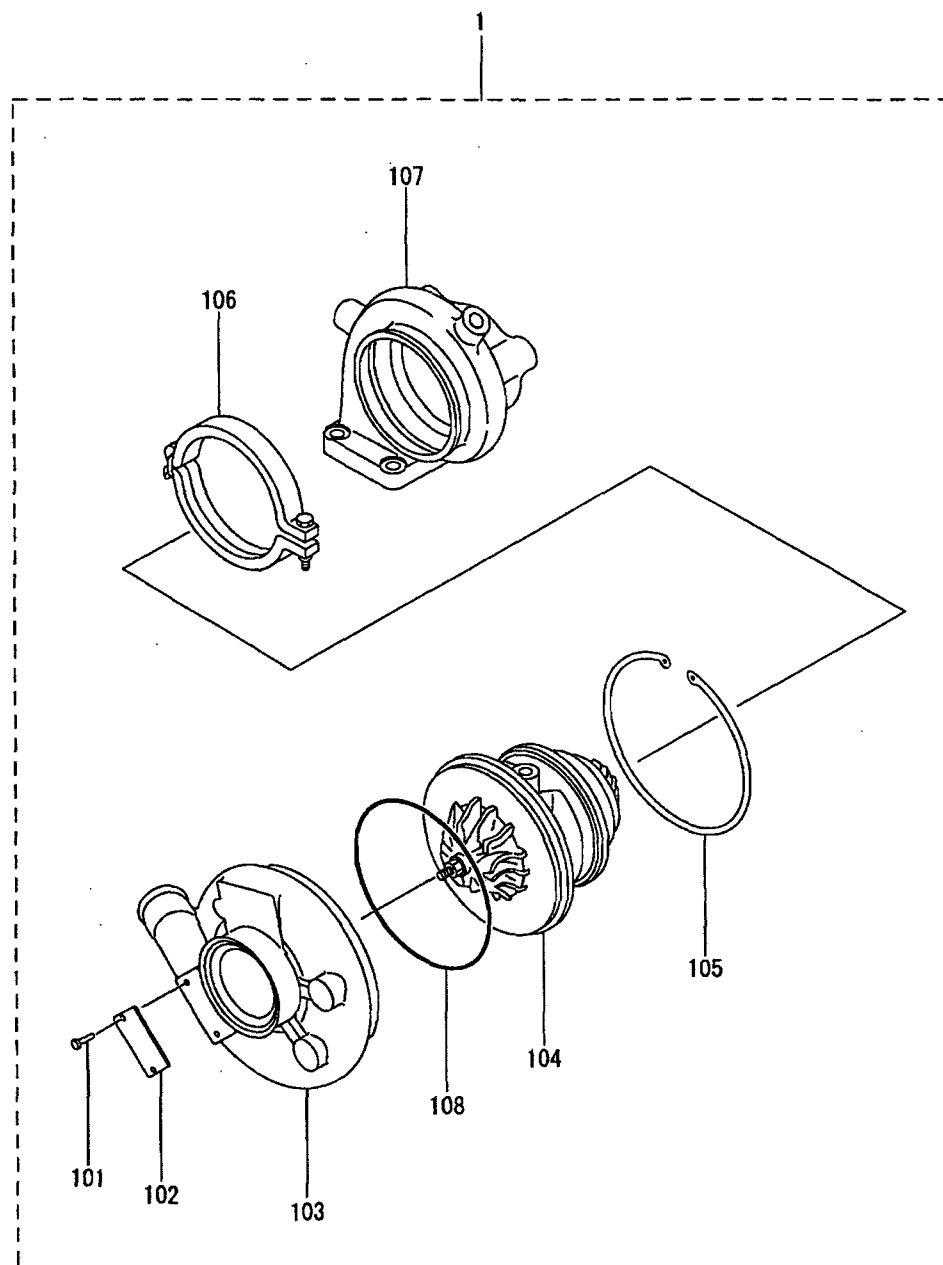
1:Y161DG
2:Y1DT61DG
3:Y2DT65DG
4:Y3DT65DG

- 53-

2009-01-30

615MA8-02

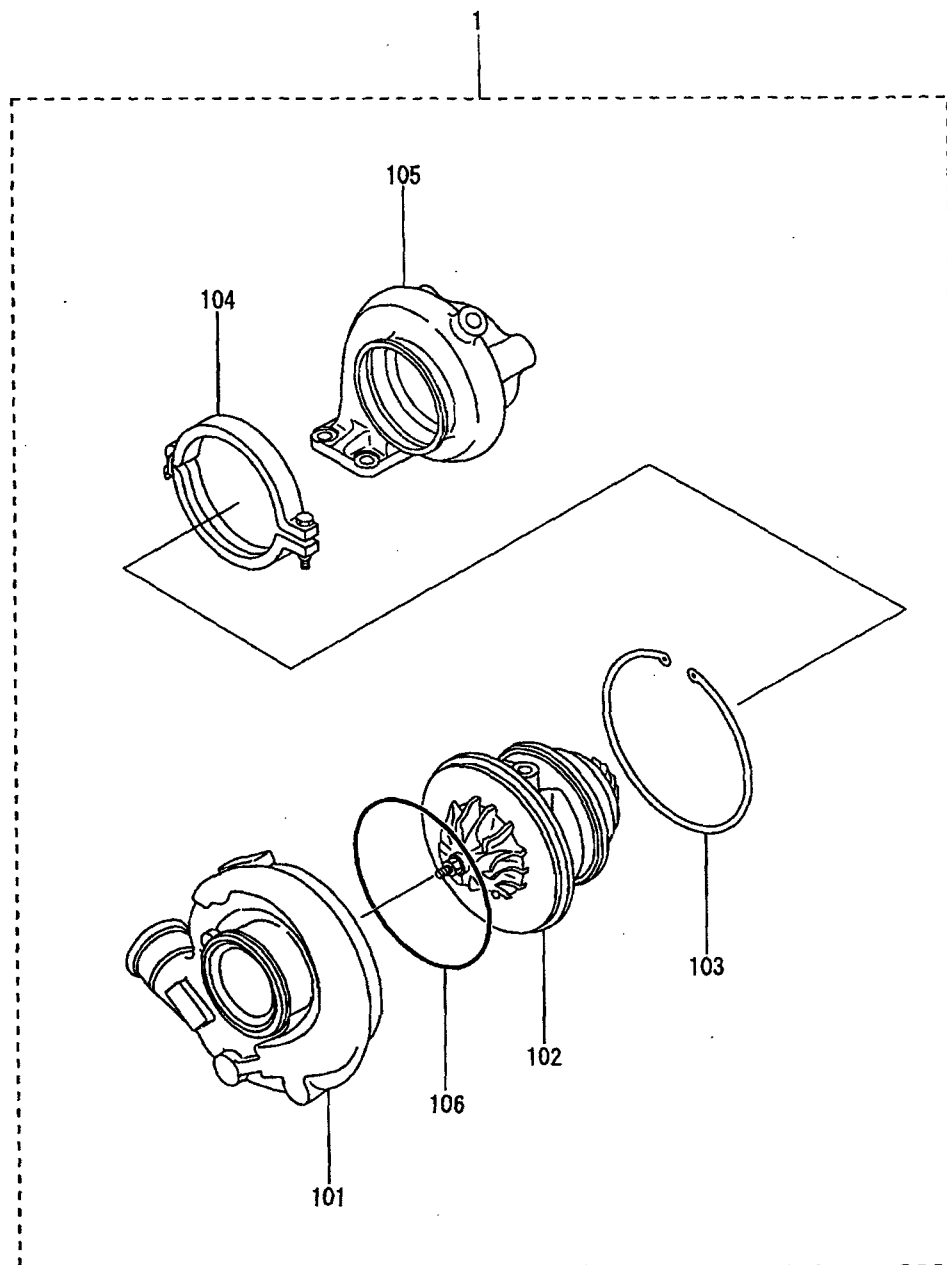
33-00-02 TURBOCHARGER (MODEL TD04HL)
(FOR DT61DG,DT65DG)



1:Y161DG
2:Y1DT61DG
3:Y2DT65DG
4:Y3DT65DG

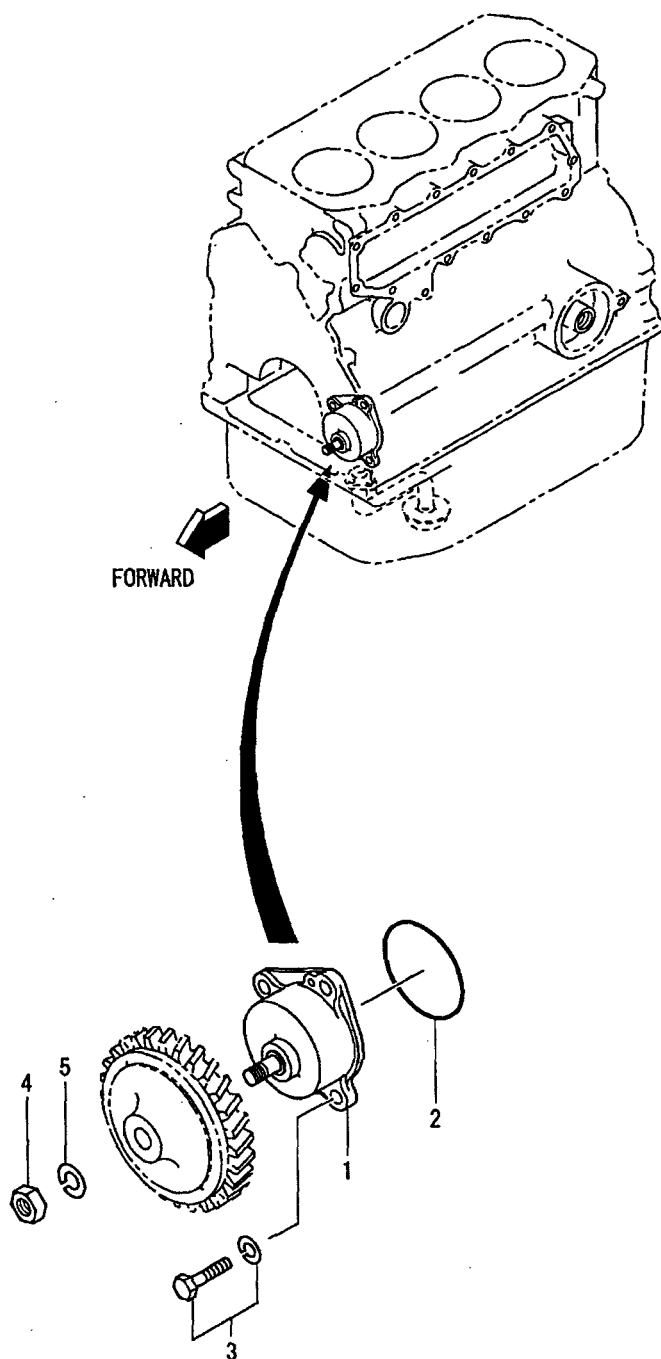
[illegible]

33-00-03 TURBOCHARGER(MODEL TD04L)
FOR Y3DT65DG

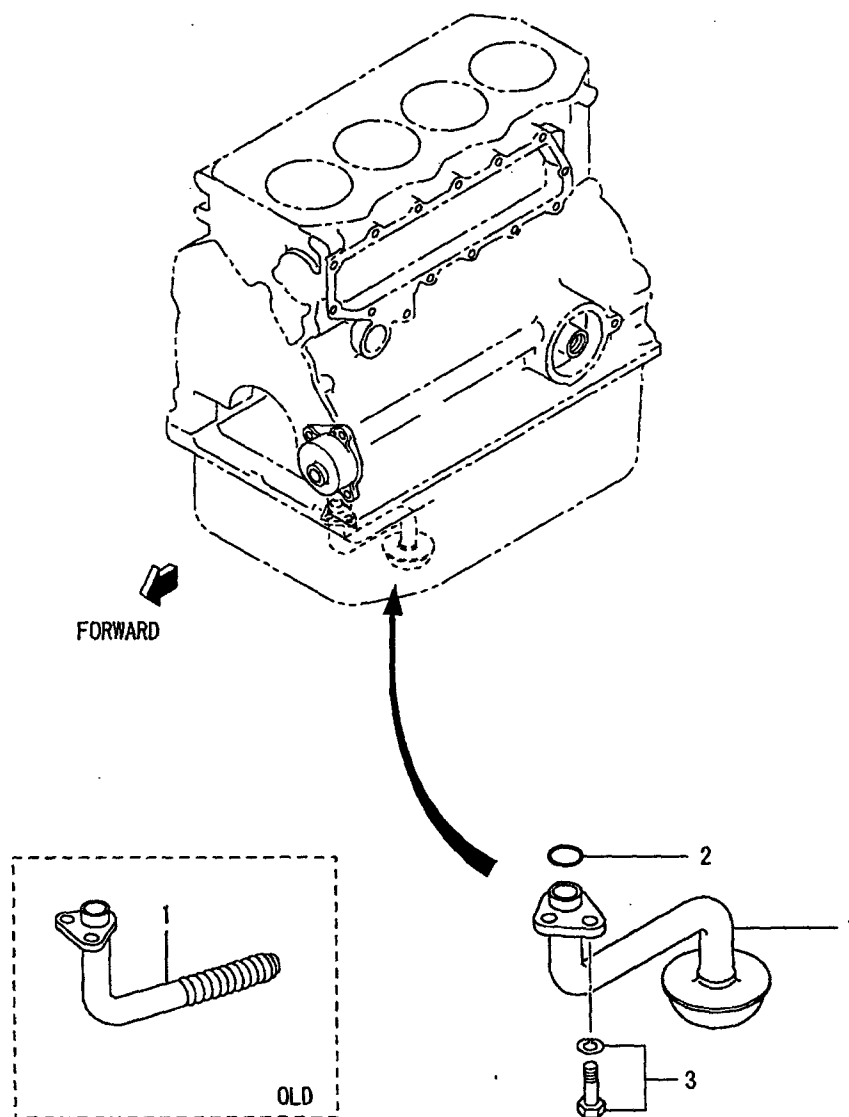


1:Y161DG
2:Y1DT61DG
3:Y2DT65DG
4:Y3DT65DG

[illegible]



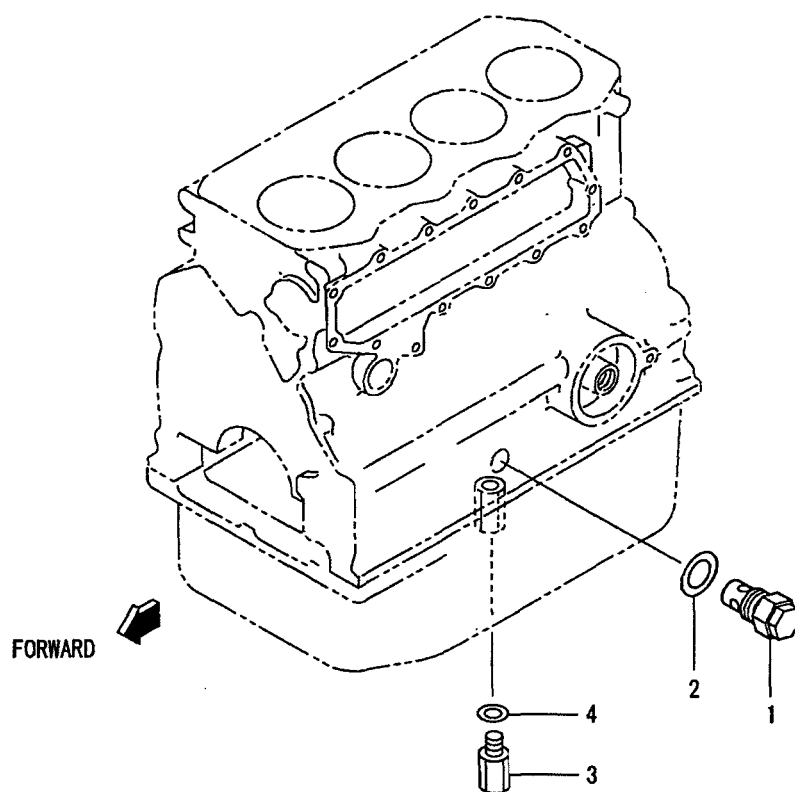
[illegible]



OIL STRAINER

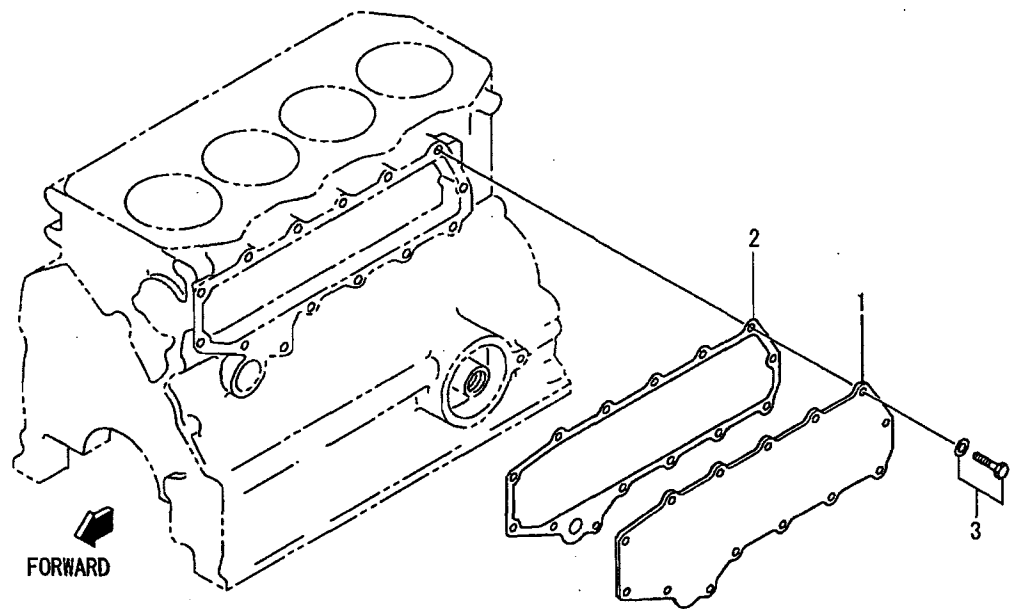
- 61-

[illegible]



[illegible]

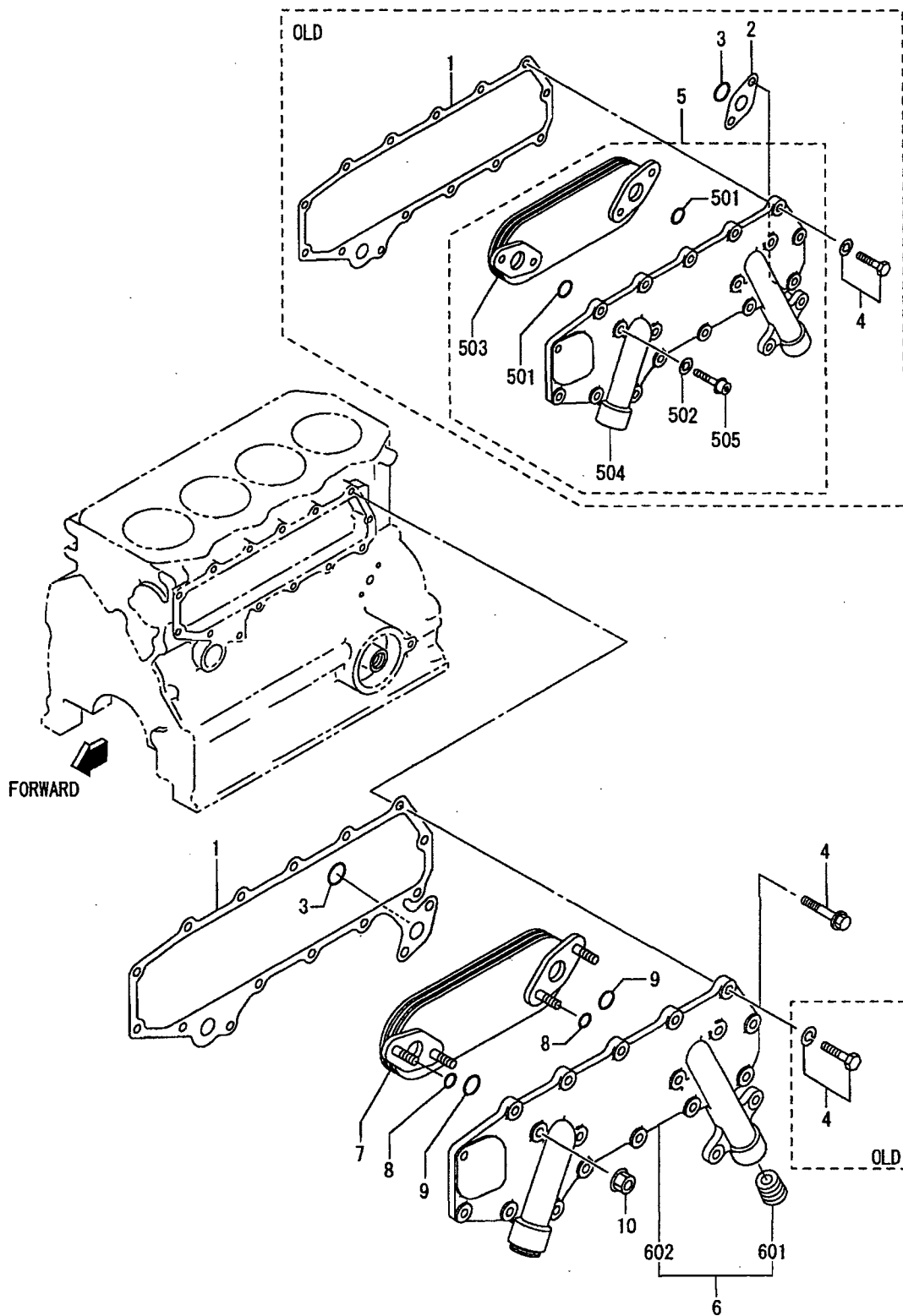
39-00-01 OIL COOLER
(FOR Y161DG)



1:Y161DG
2:Y1DT61DG
3:Y2DT65DG
4:Y3DT65DG

[illegible]

39-00-02 OIL COOLER
(FOR DT61DG,DT65DG)

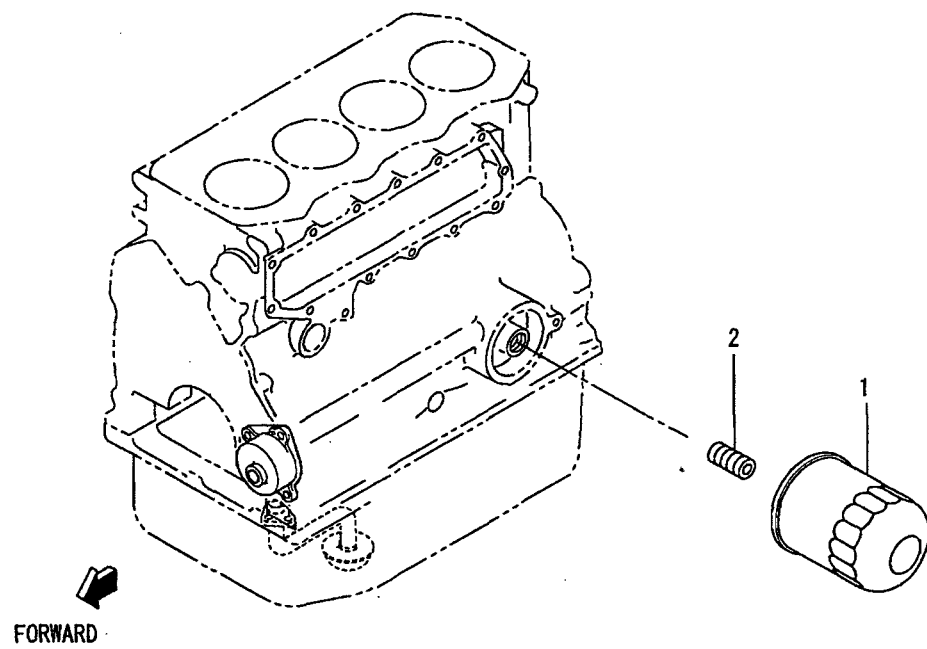


39-00-02 OIL COOLER
(FOR DT61DG,DT65DG)

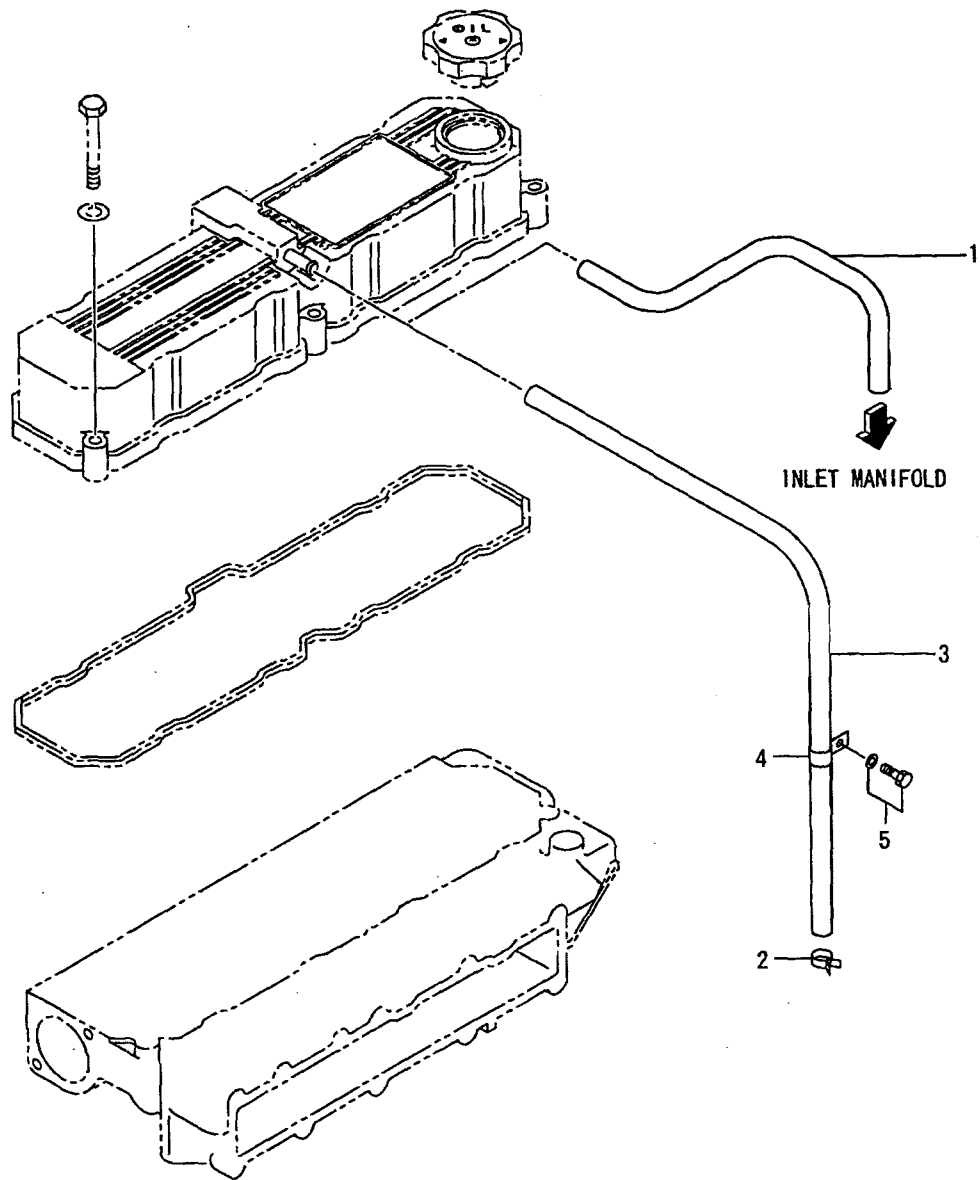
1:Y161DG
2:Y1DT61DG
3:Y2DT65DG
4:Y3DT65DG

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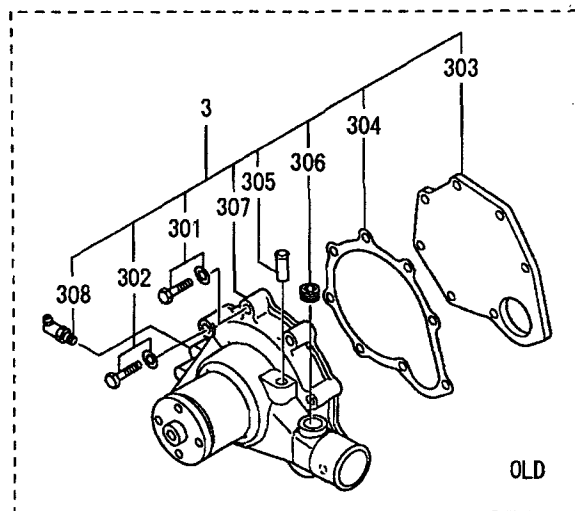
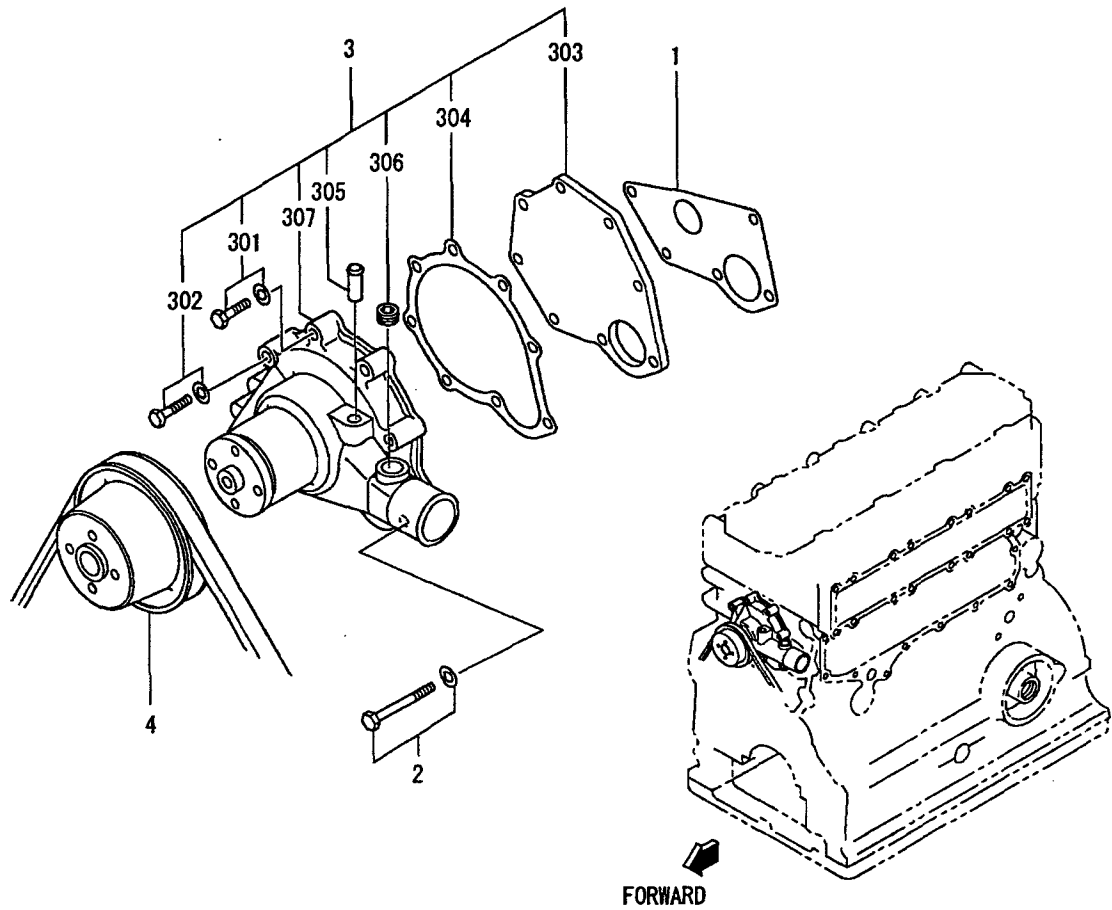
REF. -NO.	PART NO.	R / P	SC EN P QG	PART NAME & DESCRIPTION	MODEL & QTY						APPLICABLE SERIAL NO.		M / R	V R D
					1	2	3	4			FROM-	-@UPTO		
1	*			C GASKET, SIDE COVER	.	1	.	.						
	32A39-11200	1	1	C GASKET, SIDE COVER	.	1	.	.				@120306	A	
	32A39-04100	N	2	C GASKET, SIDE COVER	.	1	1	.			120307@	@200177	A	
	32A39-14100	3	3	C GASKET, SIDE COVER	.	.	1	1			120307@			V
2	32A39-01400			C GASKET	.	1	.	.				@120306	A	
3	32A39-01401	R	1	D GASKET	.	1	.	.				@120306	A	
4	F3150-02000			O-RING	.	2	2	2					A	
	MF241253			C BOLT, W/WASHER	.	16	.	.				@120306	A	
	MF241254	3	1	C BOLT, W/WASHER	.	16	16	.				@200177		
	MF140225	3	2	BOLT, FLANGE	.	.	16	14						V
5	32A39-00011			D COOLER ASSY, OIL	.	1	.	.				@120306		
5 01	F3156-02500			D O-RING	.	2	.	.				@120306	A	
5 02	F4202-08000			D GASKET	.	4	.	.				@120306	A	
5 03	32A39-00100			D ELEMENT ASSY	.	1	.	.				@120306	A	
5 04	32A39-00201			D CASE ASSY, OIL COOLER	.	1	.	.				@120306		
5 05	32A39-00401			D BOLT, OIL COOLER	.	4	.	.				@120306		
6	32A39-03101			A CASE ASSY	.	1	1	1			120307@			
6 01	04827-72100			A PLUG, TAPERED	.	2	2	2			120307@		A	
6 02	*			CASE	.	1	1	1						
7	32A39-03300			A ELEMENT, OIL COOLER	.	1	1	1			120307@		A	
8	05507-00090			A O-RING	.	4	4	4			120307@		A	
9	05507-00280			A O-RING	.	2	2	2			120307@		A	
10	05633-30800			A NUT, FLANGE	.	4	4	4			120307@			



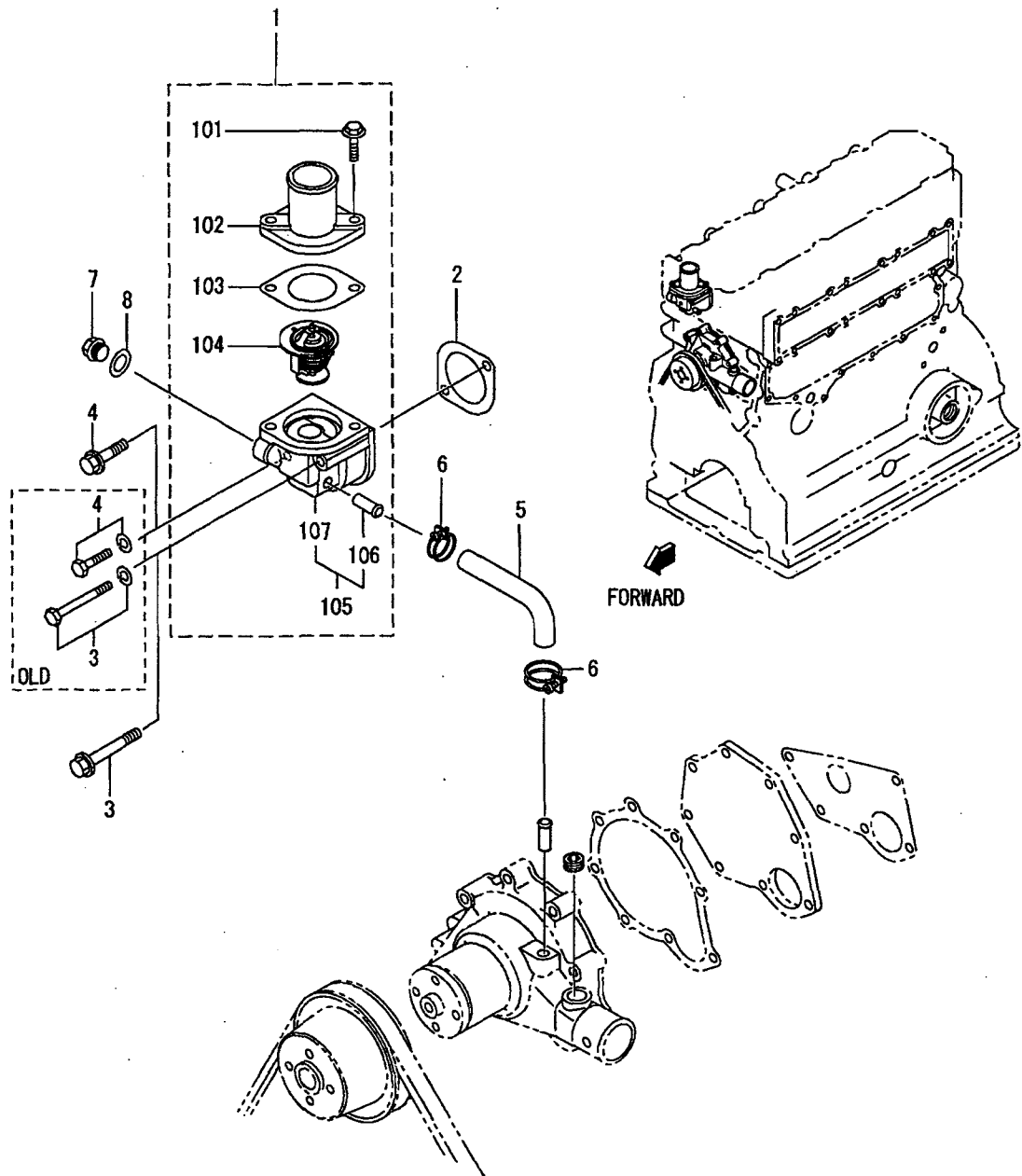
[illegible]



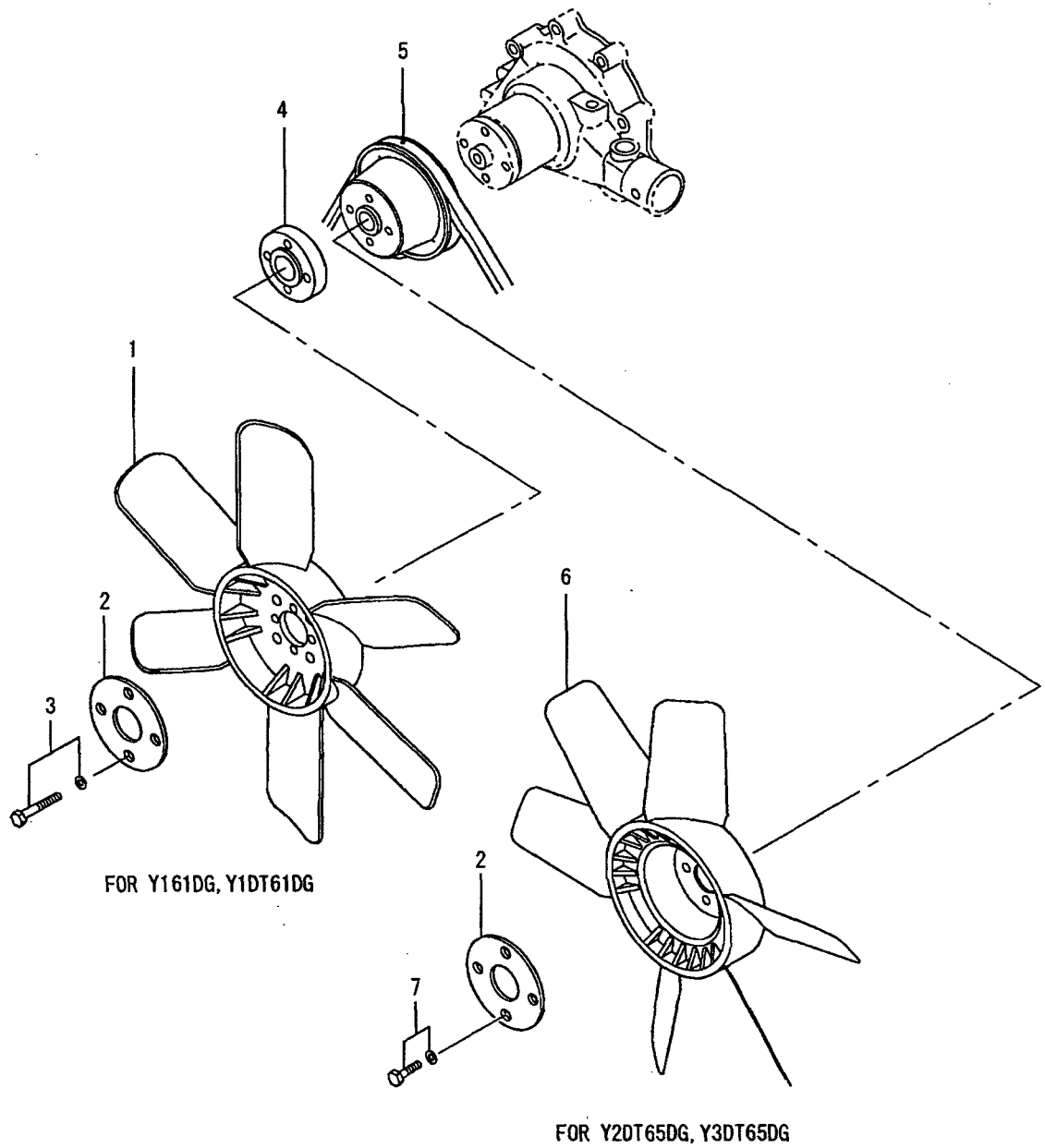
[illegible]



[illegible]

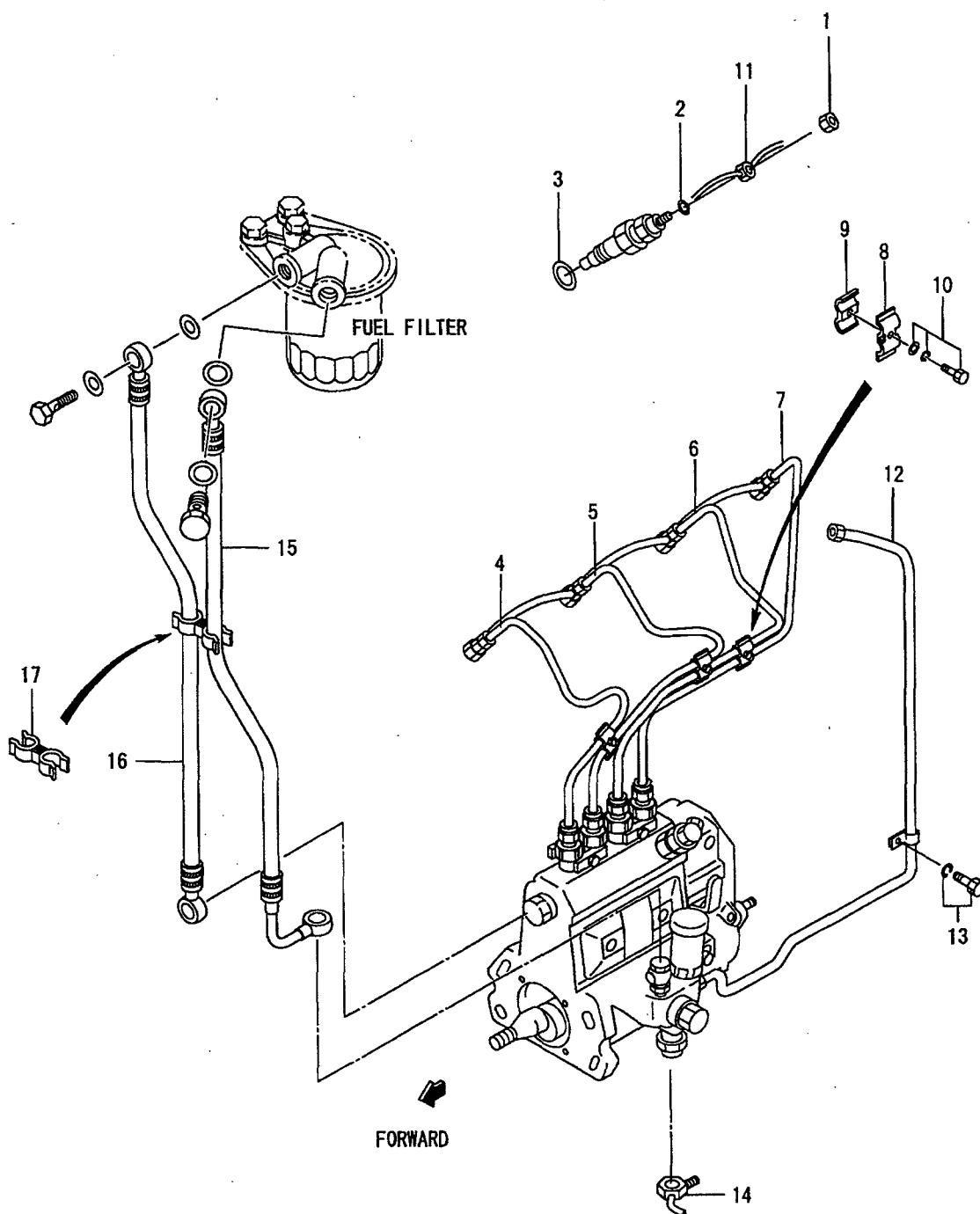


[illegible]



[illegible]

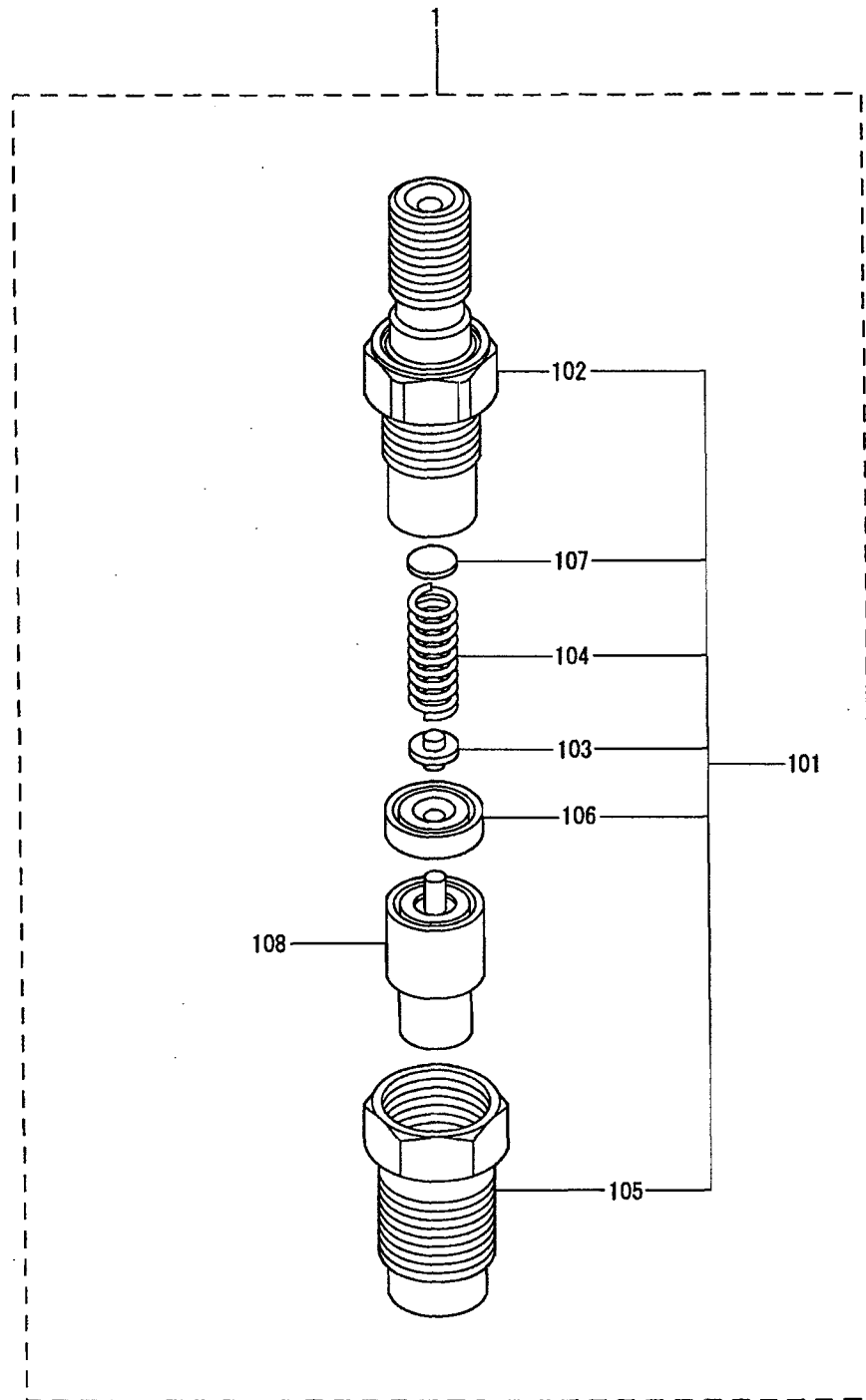
61-00-01 FUEL SYSTEM
(FOR Y161DG)



1:Y161DG
2:Y1DT61DG
3:Y2DT65DG
4:Y3DT65DG

[illegible]

61-00-02 NOZZLE
(FOR Y161DG)



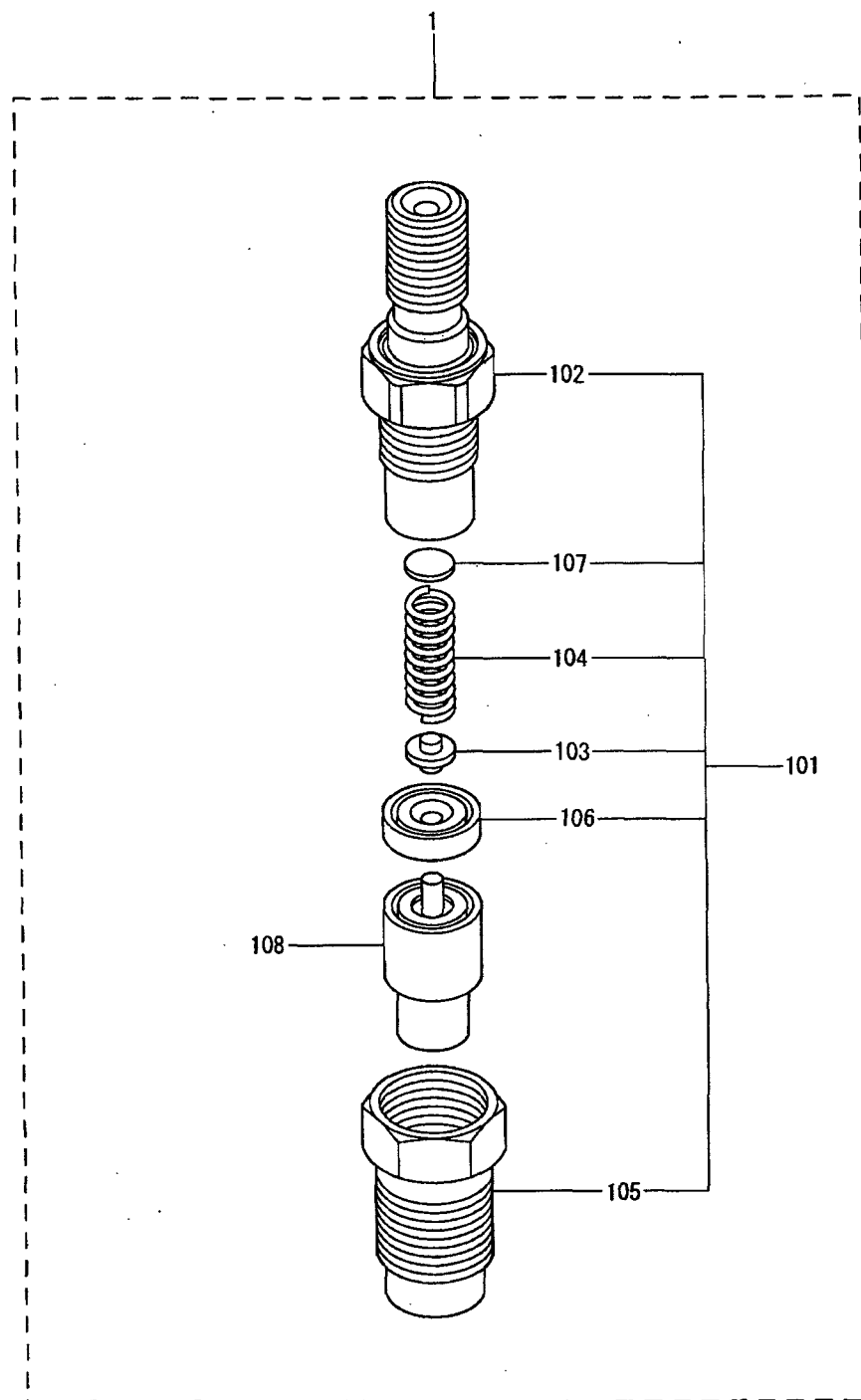
61-00-02 NOZZLE
(FOR Y161DG)

1:Y161DG
2:Y1DT61DG
3:Y2DT65DG
4:Y3DT65DG

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REF. -NO.	PART NO.	R / P	S C E N G G	PART NAME & DESCRIPTION	MODEL & QTY					APPLICABLE SERIAL NO.		M / R D
					1	2	3	4		FROM@-	-@UPTO	
1	32C61-06000			NOZZLE ASSY	4	.	.	.				
1 01	32C61-06010			HOLDER ASSY, NOZZLE	4	.	.	.				
1 02	09311-05480			BODY SUB ASSY	4	.	.	.				
1 03	09312-10380			PIN, PRESSURE	4	.	.	.				
1 04	09312-70360			SPRING, PRESSURE	4	.	.	.				A
1 05	09316-41351			NUT, NOZZLE RETAINING	4	.	.	.				
1 06	09317-40070			PIECE, DISTANCE	4	.	.	.				
1 07	09317-51670			WASHER T=0. 900	AR	.	.	.				A
	09317-51680			WASHER T=0. 925	AR	.	.	.				A
	09317-51690			WASHER T=0. 950	AR	.	.	.				A
	09317-51700			WASHER T=0. 975	AR	.	.	.				A
	09317-51710			WASHER T=1. 000	AR	.	.	.				A
	09317-51720			WASHER T=1. 025	AR	.	.	.				A
	09317-51730			WASHER T=1. 050	AR	.	.	.				A
	09317-51740			WASHER T=1. 075	AR	.	.	.				A
	09317-51750			WASHER T=1. 100	AR	.	.	.				A
	09317-51760			WASHER T=1. 125	AR	.	.	.				A
	09317-51770			WASHER T=1. 150	AR	.	.	.				A
	09317-51780			WASHER T=1. 175	AR	.	.	.				A
	09317-51790			WASHER T=1. 200	AR	.	.	.				A
	09317-51800			WASHER T=1. 225	AR	.	.	.				A
	09317-51810			WASHER T=1. 250	AR	.	.	.				A
	09317-51820			WASHER T=1. 275	AR	.	.	.				A
	09317-51830			WASHER T=1. 300	AR	.	.	.				A
	09317-51840			WASHER T=1. 325	AR	.	.	.				A
	09317-51850			WASHER T=1. 350	AR	.	.	.				A
	09317-51860			WASHER T=1. 375	AR	.	.	.				A
	09317-51870			WASHER T=1. 400	AR	.	.	.				A
	09317-51880			WASHER T=1. 425	AR	.	.	.				A
	09317-51890			WASHER T=1. 450	AR	.	.	.				A
	09317-51900			WASHER T=1. 475	AR	.	.	.				A
	09317-51910			WASHER T=1. 500	AR	.	.	.				A
	09317-51920			WASHER T=1. 525	AR	.	.	.				A
	09317-51930			WASHER T=1. 550	AR	.	.	.				A
	09317-51940			WASHER T=1. 575	AR	.	.	.				A
	09317-51950			WASHER T=1. 600	AR	.	.	.				A
	09317-51960			WASHER T=1. 625	AR	.	.	.				A
	09317-51970			WASHER T=1. 650	AR	.	.	.				A
	09317-51980			WASHER T=1. 675	AR	.	.	.				A
	09317-51990			WASHER T=1. 700	AR	.	.	.				A
	09317-52000			WASHER T=1. 725	AR	.	.	.				A
	09317-52010			WASHER T=1. 750	AR	.	.	.				A
	09317-52020			WASHER T=1. 775	AR	.	.	.				A
	09317-52030			WASHER T=1. 800	AR	.	.	.				A
	09317-52040			WASHER T=1. 825	AR	.	.	.				A
	09317-52050			WASHER T=1. 850	AR	.	.	.				A
	09317-52060			WASHER T=1. 875	AR	.	.	.				A
	09317-52070			WASHER T=1. 900	AR	.	.	.				A
	09317-52080			WASHER T=1. 925	AR	.	.	.				A
	09317-52090			WASHER T=1. 950	AR	.	.	.				A

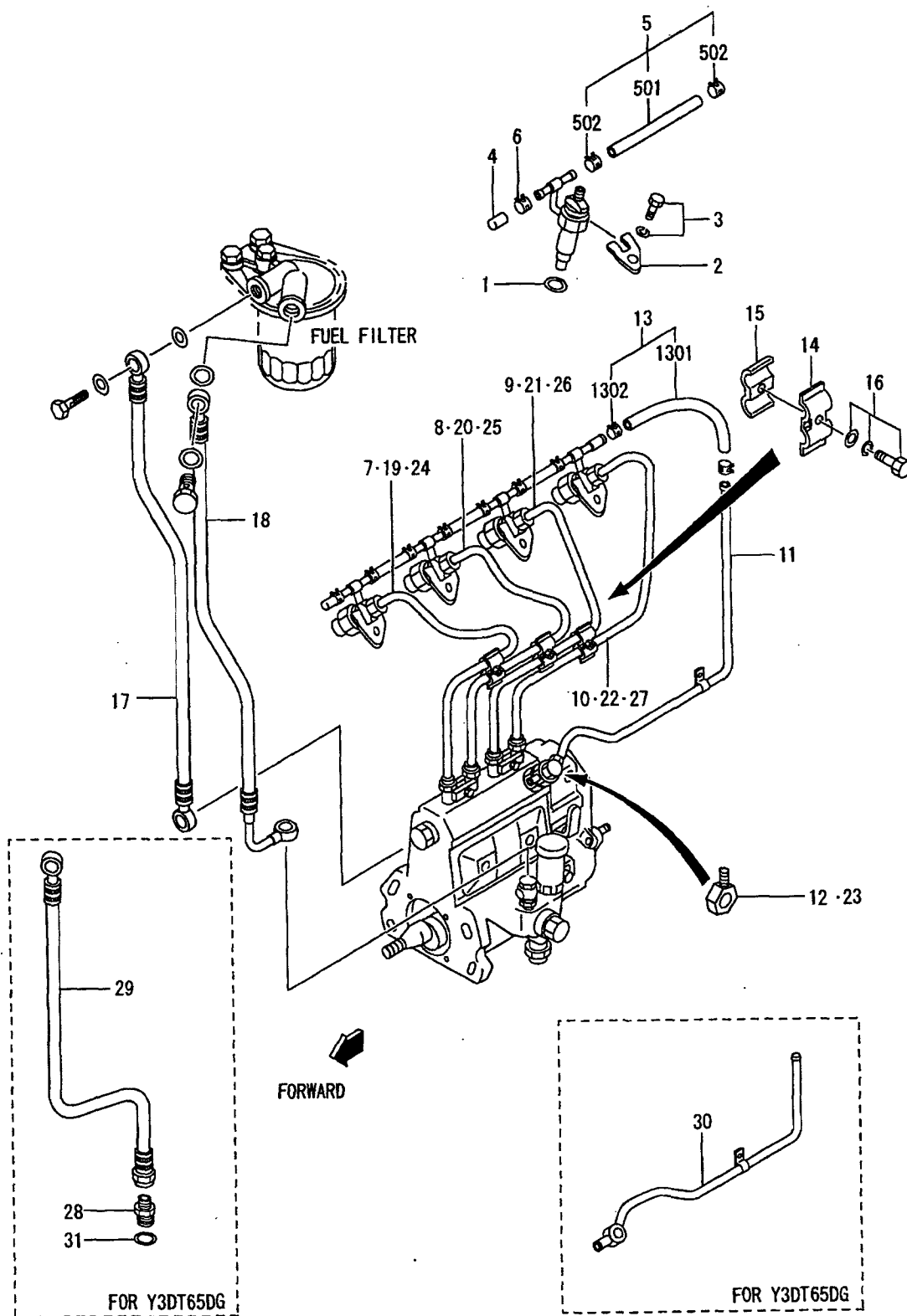
61-00-02 NOZZLE
(FOR Y161DG)



1:Y161DG
2:Y1DT61DG
3:Y2DT65DG
4:Y3DT65DG

[illegible]

61-02-01 FUEL SYSTEM
(FOR DT61DG,DT65DG)



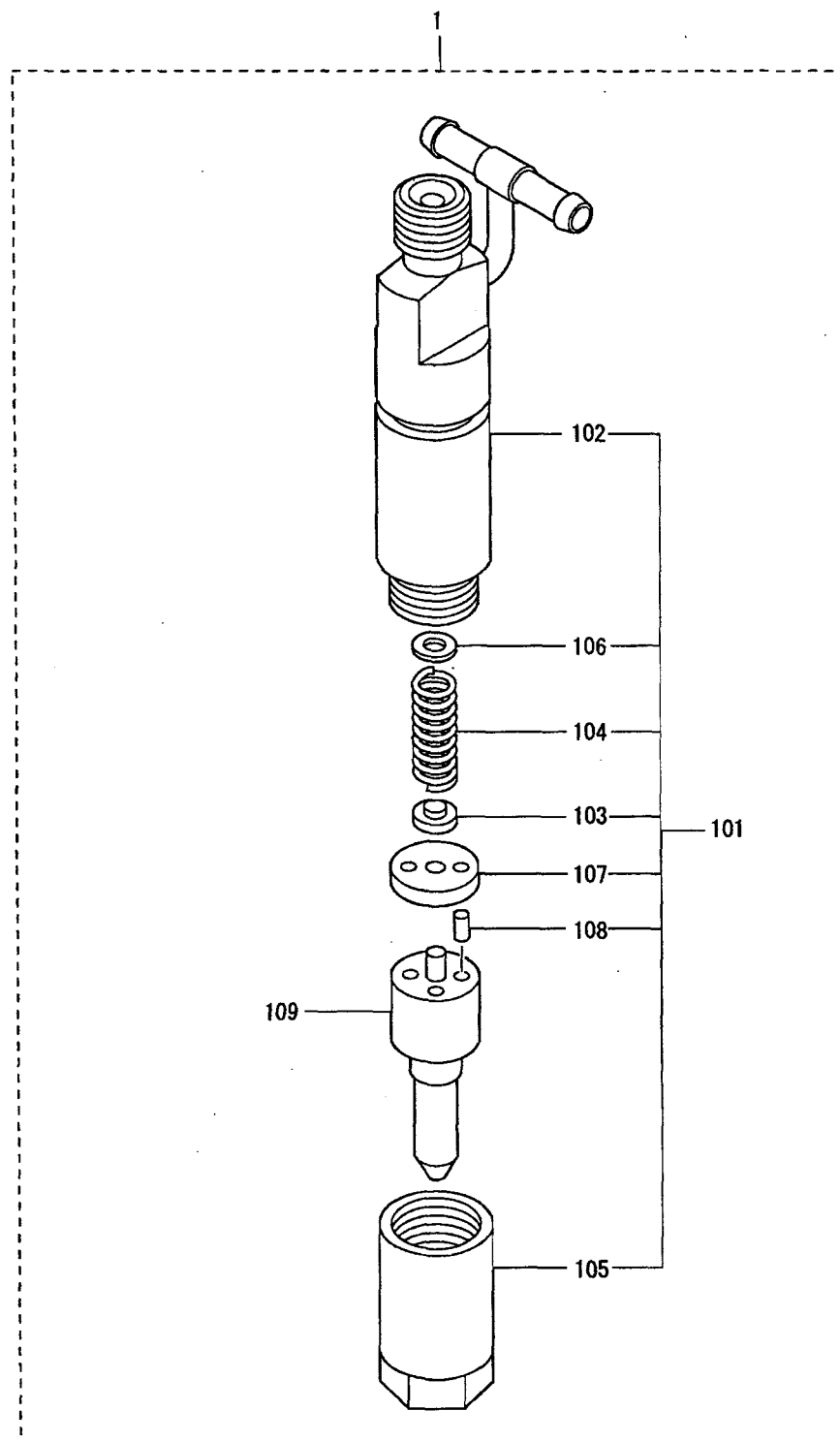
61-02-01 FUEL SYSTEM
(FOR DT61DG,DT65DG)

1:Y161DG
2:Y1DT61DG
3:Y2DT65DG
4:Y3DT65DG

- 85-

REF. -NO.	PART NO.	R / P	S C E N E Q G	PART NAME & DESCRIPTION	MODEL & QTY					APPLICABLE SERIAL NO.		M / R	V R D
					1	2	3	4		FROM@-	-@UPTO		
1	MM432045			GASKET, NOZZLE	-	4	4	-		198491-		A	V
2	32A61-56900	A		GASKET, NOZZLE	-	-	-	4					
3	MM437-13701			SUPPORT, NOZZLE	-	4	4	4					
4	MF241257			BOLT, W/WASHER	-	4	4	4				A	
	ME016571			CAP	-	1	1	1					
5	*			HOSE ASSY, FUEL	-	3	3	3					
5 01	MS602011			HOSE, FUEL	-	3	3	3					
5 02	MS660163			CLIP, HOSE	-	6	6	6				A	
6	MS660163			CLIP, HOSE	-	1	1	1				A	
7	32A61-05100	C		PIPE, INJECTION NO. 1	-	1	-	-					
8	32A61-05102	R	1	PIPE, INJECTION NO. 1	-	1	-	-					
9	32A61-05200			PIPE, INJECTION NO. 2	-	1	-	-					
10	32A61-05300			PIPE, INJECTION NO. 3	-	1	-	-					
11	32A61-05400			PIPE, INJECTION NO. 4	-	1	-	-					
	32A61-05600			PIPE, FUEL RETURN	-	1	1	-					
12	36761-01100			JOINT, EYE	-	1	-	-					
13	*			C HOSE ASSY, FUEL	-	1	-	-					
13 01	MM409065	1	1	C HOSE ASSY, FUEL	-	1	1	1			@120306		
	MS602023			C HOSE, FUEL	-	1	-	-					
	MS602901	N	1	C HOSE, FUEL	-	1	1	1		120307@			
13 02	MS660163			CLIP, HOSE	-	2	2	2				A	
14	MM430703			CLAMP	-	3	3	3					
15	MM430614			CLAMP	-	3	3	3					
16	MF243628			BOLT, W/WASHER	-	3	3	3				A	
17	ME910-12501			PIPE	-	1	1	1					
18	32A61-04700			HOSE, FUEL	-	1	1	-		180941-			
19	32A61-15101	A		PIPE, INJECTION NO. 1	-	-	1	-		180941-			
20	32A61-15200	A		PIPE, INJECTION NO. 2	-	-	1	-		180941-			
21	32A61-15300	A		PIPE, INJECTION NO. 3	-	-	1	-		180941-			
22	32A61-15400	A		PIPE, INJECTION NO. 4	-	-	1	-		180941-			
23	36761-00901	A		JOINT, EYE	-	-	1	-		180941-			
24	32A61-35100	A		PIPE, INJECTION NO. 1	-	-	-	1		198491-			V
25	32A61-35200	A		PIPE, INJECTION NO. 2	-	-	-	1		198491-			V
26	32A61-35300	A		PIPE, INJECTION NO. 3	-	-	-	1		198491-			V
27	32A61-35400	A		PIPE, INJECTION NO. 4	-	-	-	1		198491-			V
28	32B61-03900	A		CONNECTOR	-	-	-	1		198491-			V
29	ME910041	A		HOSE, FUEL FEED	-	-	-	1		198491-			V
30	32A61-35600	A		PIPE, FUEL RETURN	-	-	-	1		198491-			V
31	05946-01401	A		WASHER, SEALING	-	-	-	1		198491-		A	V

61-02-02 NOZZLE
(FOR Y1DT61DG)



61-02-02 NOZZLE
(FOR Y1DT61DG)

1:Y161DG
2:Y1DT61DG
3:Y2DT65DG
4:Y3DT65DG

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REF. -NO.	PART NO.	R / P	S C E N E P G	PART NAME & DESCRIPTION	MODEL & QTY						APPLICABLE SERIAL NO.		M / R	V R D
					1	2	3	4			FROM@-	-@UPTO		
1	32A61-07040			NOZZLE ASSY	.	4	.	.					A	
1 01	32A61-07400			HOLDER ASSY	.	4	.	.						
1 02	09311-06310			BODY ASSY	.	4	.	.						
1 03	09312-10480			PIN, PRESSURE	.	4	.	.						
1 04	09312-70410			SPRING, PRESSURE	.	4	.	.					A	
1 05	09316-41020			NUT, NOZZLE RETAINING	.	4	.	.						
1 06	09317-52180			WASHER T=1. 000	.	AR	.	.					A	
	09317-52190			WASHER T=1. 050	.	AR	.	.					A	
	09317-52200			WASHER T=1. 100	.	AR	.	.					A	
	09317-52210			WASHER T=1. 150	.	AR	.	.					A	
	09317-52220			WASHER T=1. 200	.	AR	.	.					A	
	09317-52230			WASHER T=1. 250	.	AR	.	.					A	
	09317-52240			WASHER T=1. 300	.	AR	.	.					A	
	09317-52250			WASHER T=1. 350	.	AR	.	.					A	
	09317-52260			WASHER T=1. 400	.	AR	.	.					A	
	09317-52270			WASHER T=1. 450	.	AR	.	.					A	
	09317-52280			WASHER T=1. 500	.	AR	.	.					A	
	09317-52290			WASHER T=1. 550	.	AR	.	.					A	
	09317-52300			WASHER T=1. 600	.	AR	.	.					A	
	09317-52310			WASHER T=1. 650	.	AR	.	.					A	
	09317-52320			WASHER T=1. 700	.	AR	.	.					A	
	09317-52330			WASHER T=1. 750	.	AR	.	.					A	
	09317-52340			WASHER T=1. 800	.	AR	.	.					A	
	09317-52420			WASHER T=1. 275	.	AR	.	.					A	
	09317-52430			WASHER T=1. 325	.	AR	.	.					A	
	09317-52440			WASHER T=1. 375	.	AR	.	.					A	
	09317-52450			WASHER T=1. 425	.	AR	.	.					A	
	09317-52460			WASHER T=1. 475	.	AR	.	.					A	
	09317-52530			WASHER T=0. 950	.	AR	.	.					A	
	09317-52560			WASHER T=0. 700	.	AR	.	.					A	
	09317-52570			WASHER T=1. 750	.	AR	.	.					A	
	09317-52580			WASHER T=0. 800	.	AR	.	.					A	
	09317-52590			WASHER T=0. 850	.	AR	.	.					A	
	09317-52600			WASHER T=0. 900	.	AR	.	.					A	
	09317-52610			WASHER T=0. 975	.	AR	.	.					A	
	09317-52620			WASHER T=1. 025	.	AR	.	.					A	
	09317-52630			WASHER T=1. 075	.	AR	.	.					A	
	09317-52640			WASHER T=1. 125	.	AR	.	.					A	
	09317-52650			WASHER T=1. 175	.	AR	.	.					A	
	09317-52660			WASHER T=1. 225	.	AR	.	.					A	
1 07	09322-10150			PACKING, TIP	.	4	.	.					A	
1 08	94908-23160			PIN, STRAIGHT	.	8	.	.						
1 09	32A61-07900			TIP ASSY, NOZZLE	.	4	.	.					A	



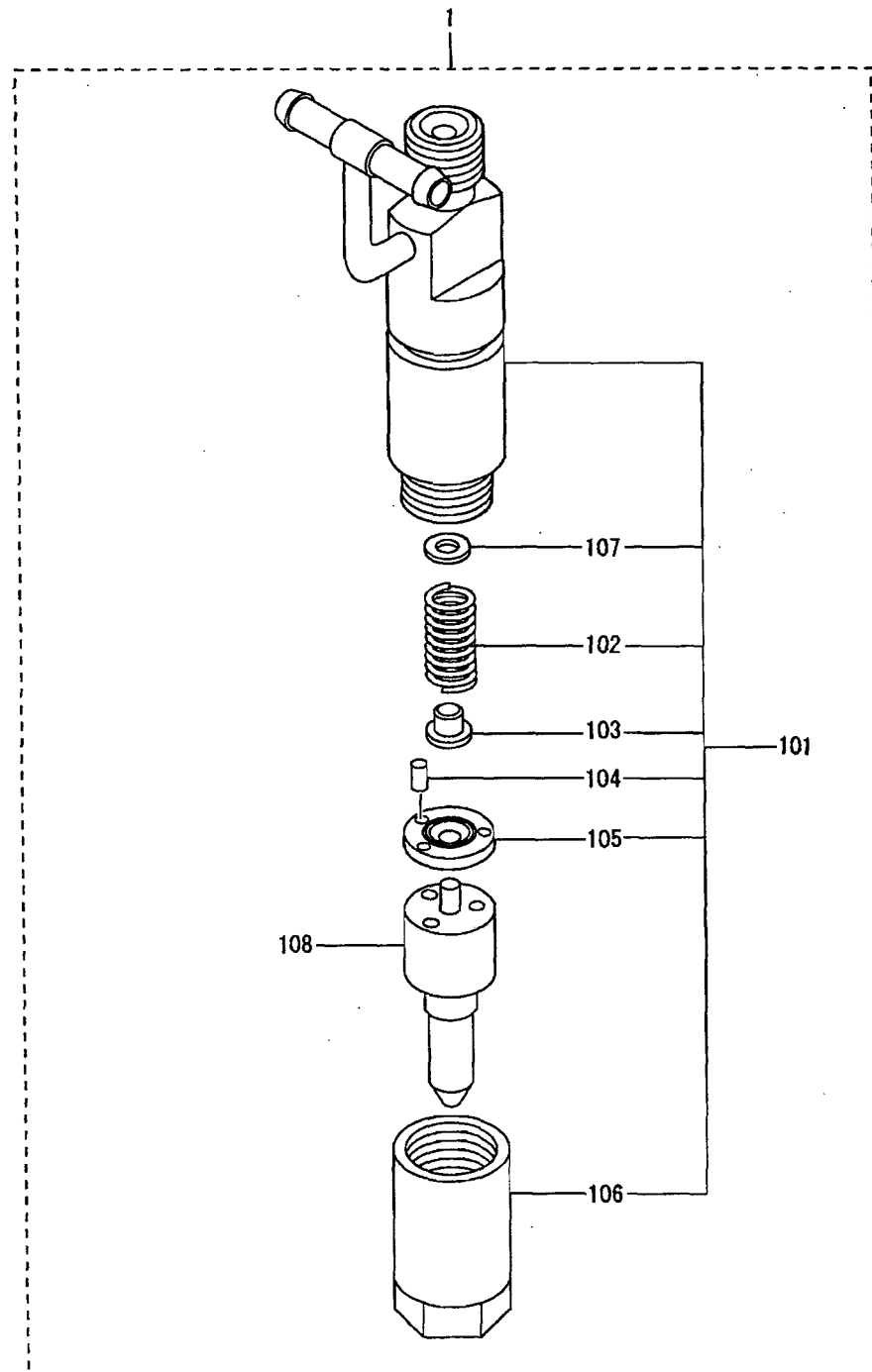
61-02-03 NOZZLE
(FOR Y2DT65DG)

1:Y161DG
2:Y1DT61DG
3:Y2DT65DG
4:Y3DT65DG

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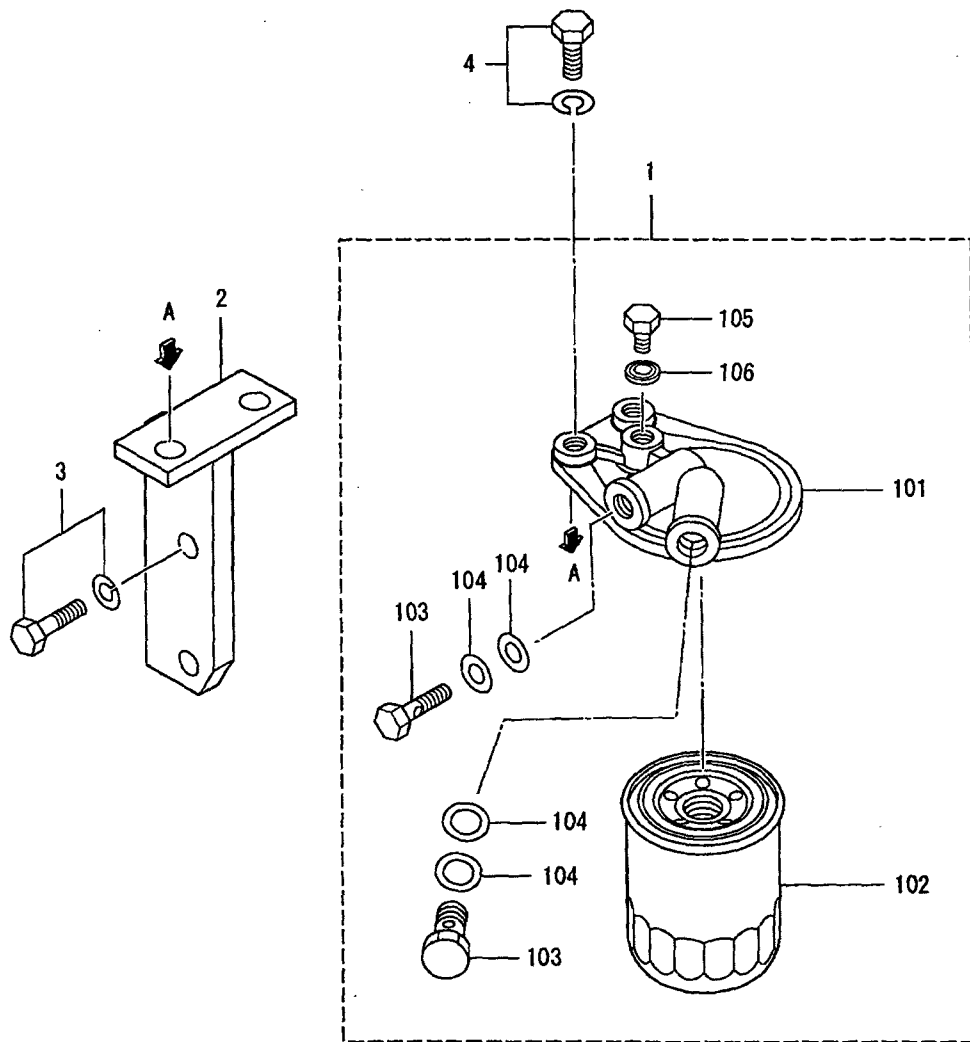
REF. -NO.	PART NO.	R / P	S C E N E P Q G	PART NAME & DESCRIPTION	MODEL & QTY						APPLICABLE SERIAL NO.		M / R	V R D
					1	2	3	4			FROM@-	-@UPTO		
1	32B61-07020		A	NOZZLE & HOLDER ASSY	.	.	4	.			180941-		A	
1 01	32B61-07600		A	HOLDER ASSY, NOZZLE	.	.	4	.			180941-			
1 02	09311-07600		A	BODY SUB ASSY	.	.	4	.			180941-			
1 03	09312-10480		A	PIN, PRESSURE	.	.	4	.			180941-			
1 04	09312-70410		A	SPRING, PRESSURE	.	.	4	.			180941-		A	
1 05	09316-41020		A	NUT, NOZZLE RETAINING	.	.	4	.			180941-			
1 06	09317-52180		A	WASHER T=1. 000	.	.	AR	.			180941-		A	
	09317-52190		A	WASHER T=1. 050	.	.	AR	.			180941-		A	
	09317-52200		A	WASHER T=1. 100	.	.	AR	.			180941-		A	
	09317-52210		A	WASHER T=1. 150	.	.	AR	.			180941-		A	
	09317-52220		A	WASHER T=1. 200	.	.	AR	.			180941-		A	
	09317-52230		A	WASHER T=1. 250	.	.	AR	.			180941-		A	
	09317-52240		A	WASHER T=1. 300	.	.	AR	.			180941-		A	
	09317-52250		A	WASHER T=1. 350	.	.	AR	.			180941-		A	
	09317-52260		A	WASHER T=1. 400	.	.	AR	.			180941-		A	
	09317-52270		A	WASHER T=1. 450	.	.	AR	.			180941-		A	
	09317-52280		A	WASHER T=1. 500	.	.	AR	.			180941-		A	
	09317-52290		A	WASHER T=1. 550	.	.	AR	.			180941-		A	
	09317-52300		A	WASHER T=1. 600	.	.	AR	.			180941-		A	
	09317-52310		A	WASHER T=1. 650	.	.	AR	.			180941-		A	
	09317-52320		A	WASHER T=1. 700	.	.	AR	.			180941-		A	
	09317-52330		A	WASHER T=1. 750	.	.	AR	.			180941-		A	
	09317-52340		A	WASHER T=1. 800	.	.	AR	.			180941-		A	
	09317-52420		A	WASHER T=1. 275	.	.	AR	.			180941-		A	
	09317-52430		A	WASHER T=1. 325	.	.	AR	.			180941-		A	
	09317-52440		A	WASHER T=1. 375	.	.	AR	.			180941-		A	
	09317-52450		A	WASHER T=1. 425	.	.	AR	.			180941-		A	
	09317-52460		A	WASHER T=1. 475	.	.	AR	.			180941-		A	
	09317-52530		A	WASHER T=0. 950	.	.	AR	.			180941-		A	
	09317-52560		A	WASHER T=0. 700	.	.	AR	.			180941-		A	
	09317-52570		A	WASHER T=0. 750	.	.	AR	.			180941-		A	
	09317-52580		A	WASHER T=0. 800	.	.	AR	.			180941-		A	
	09317-52590		A	WASHER T=0. 850	.	.	AR	.			180941-		A	
	09317-52600		A	WASHER T=0. 900	.	.	AR	.			180941-		A	
	09317-52610		A	WASHER T=0. 975	.	.	AR	.			180941-		A	
	09317-52620		A	WASHER T=1. 025	.	.	AR	.			180941-		A	
	09317-52630		A	WASHER T=1. 075	.	.	AR	.			180941-		A	
	09317-52640		A	WASHER T=1. 125	.	.	AR	.			180941-		A	
	09317-52650		A	WASHER T=1. 175	.	.	AR	.			180941-		A	
	09317-52660		A	WASHER T=1. 225	.	.	AR	.			180941-		A	
1 07	09322-10150		A	PACKING, TIP	.	.	4	.			180941-		A	
1 08	94908-23160		A	PIN, STRAIGHT	.	.	8	.			180941-			
1 09	32B61-07200		A	TIP ASSY, NOZZLE	.	.	4	.			180941-		A	

61-02-04 NOZZLE
(FOR Y3DT65DG)

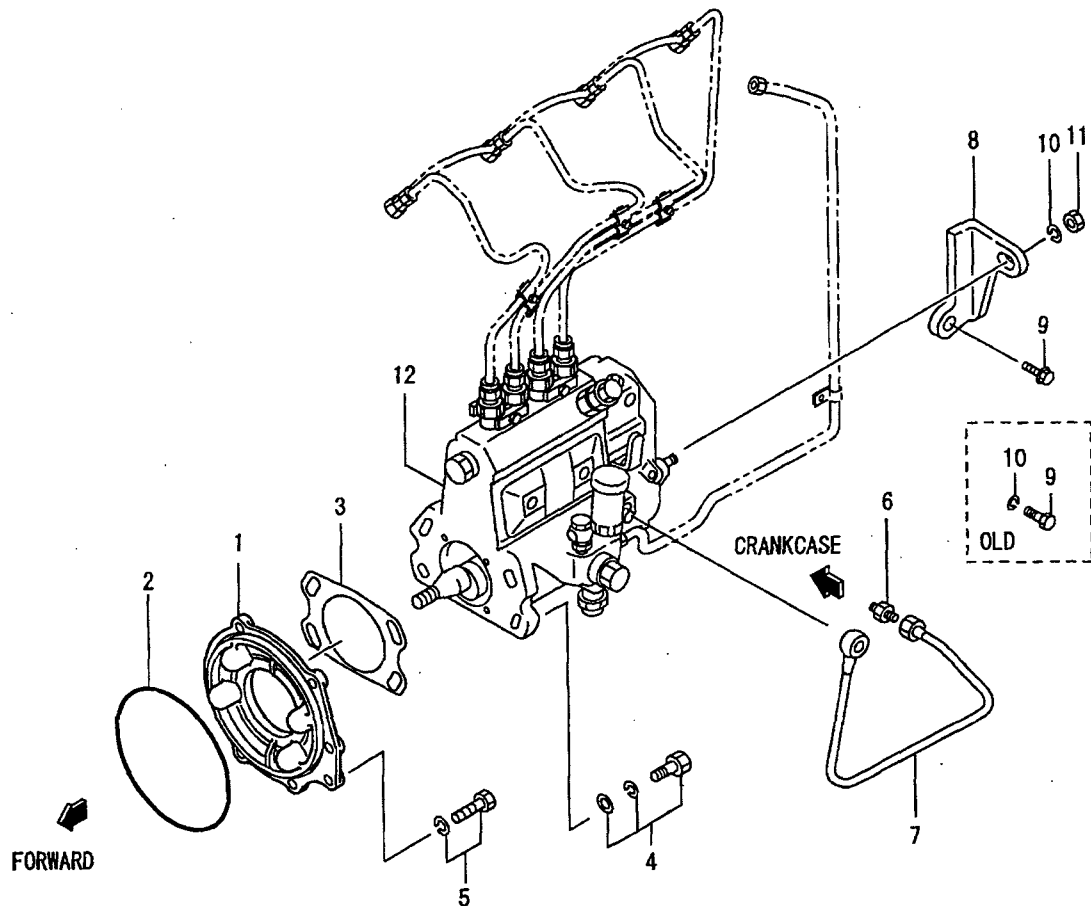


1:Y161DG
2:Y1DT61DG
3:Y2DT65DG
4:Y3DT65DG

[illegible]

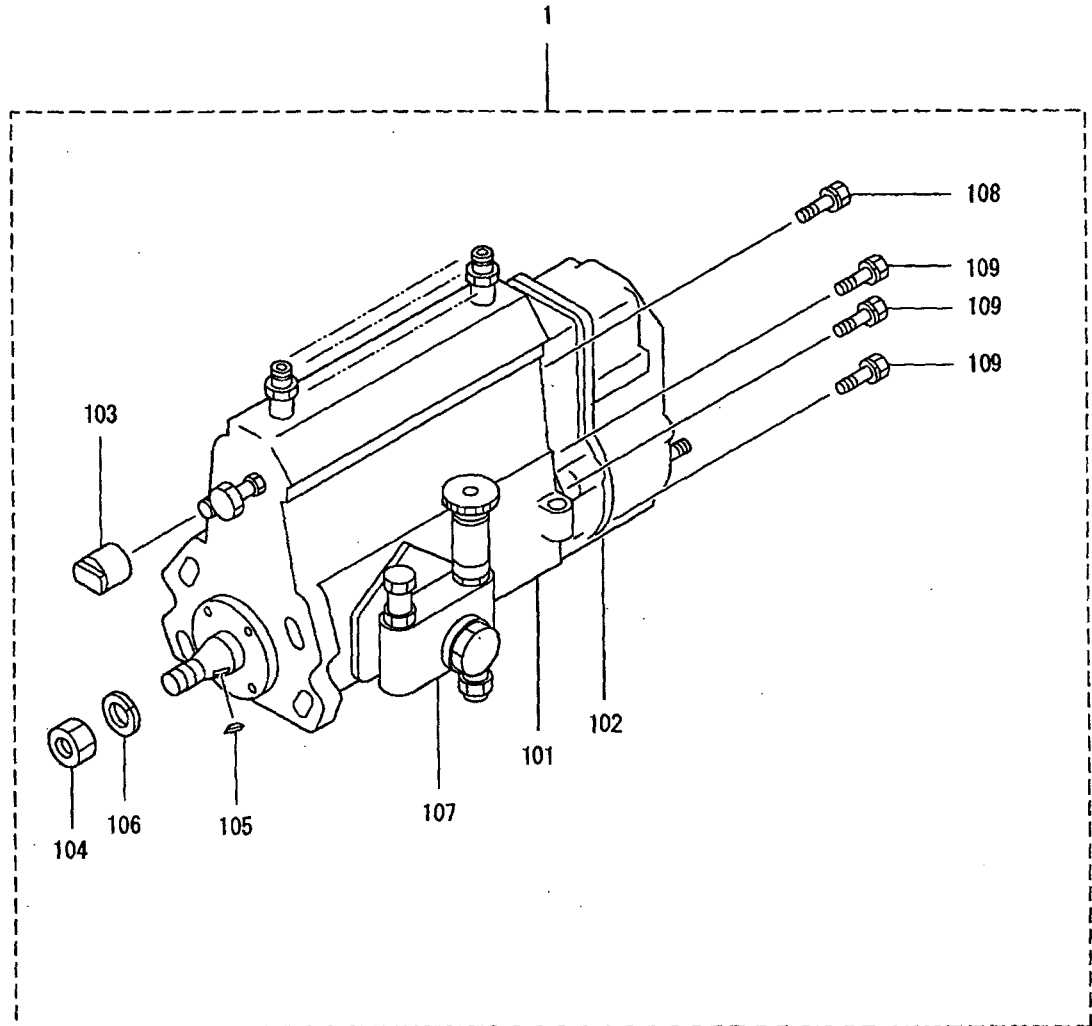


65-01-01 INJECTION PUMP
(FOR Y161DG)



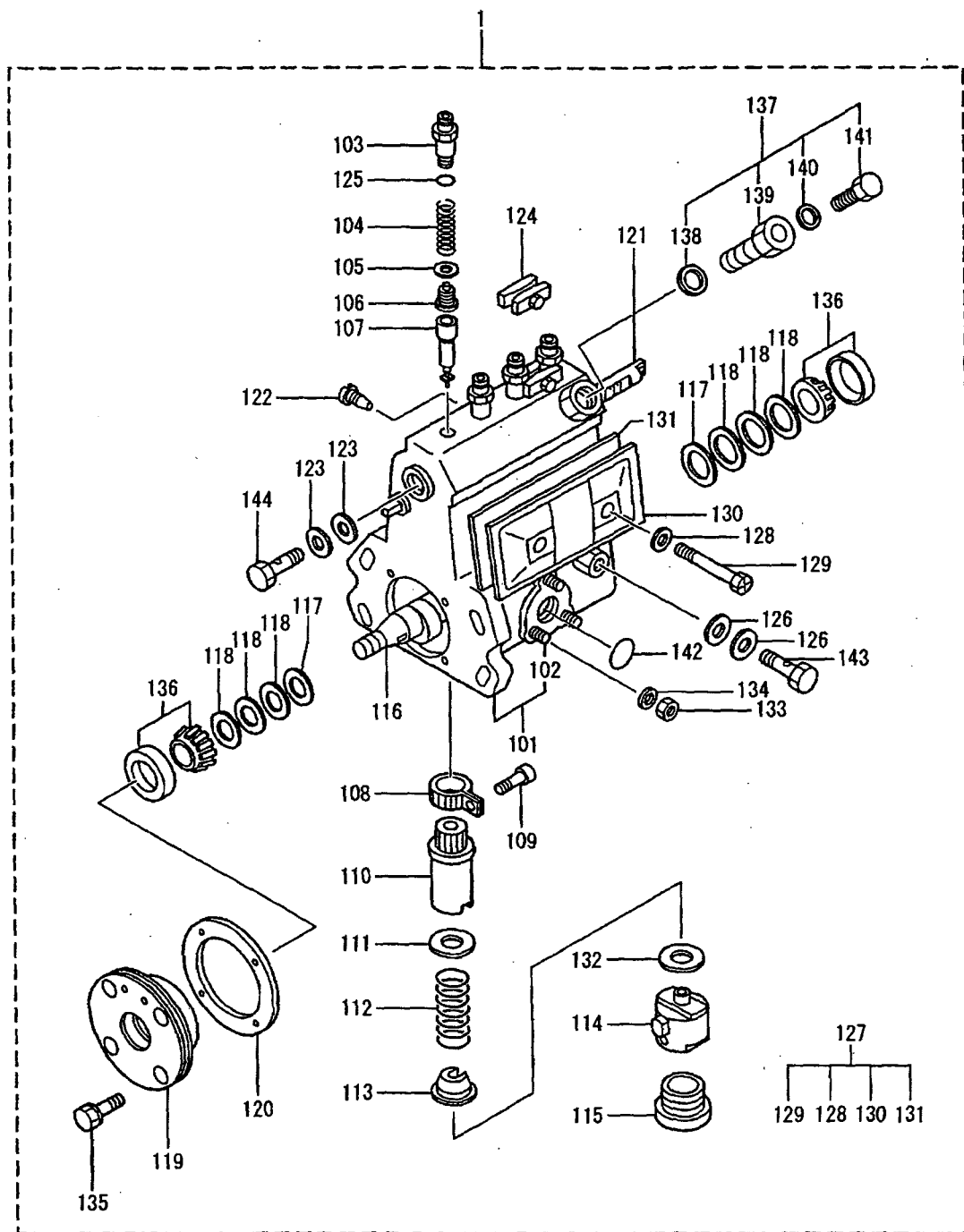
1:Y161DG
2:Y1DT61DG
3:Y2DT65DG
4:Y3DT65DG

65-01-02 FUEL INJECTION PUMP GENERAL
(FOR Y161DG)



1:Y161DG
2:Y1DT61DG
3:Y2DT65DG
4:Y3DT65DG

65-01-03 INJECTION PUMP (FOR Y161DG)



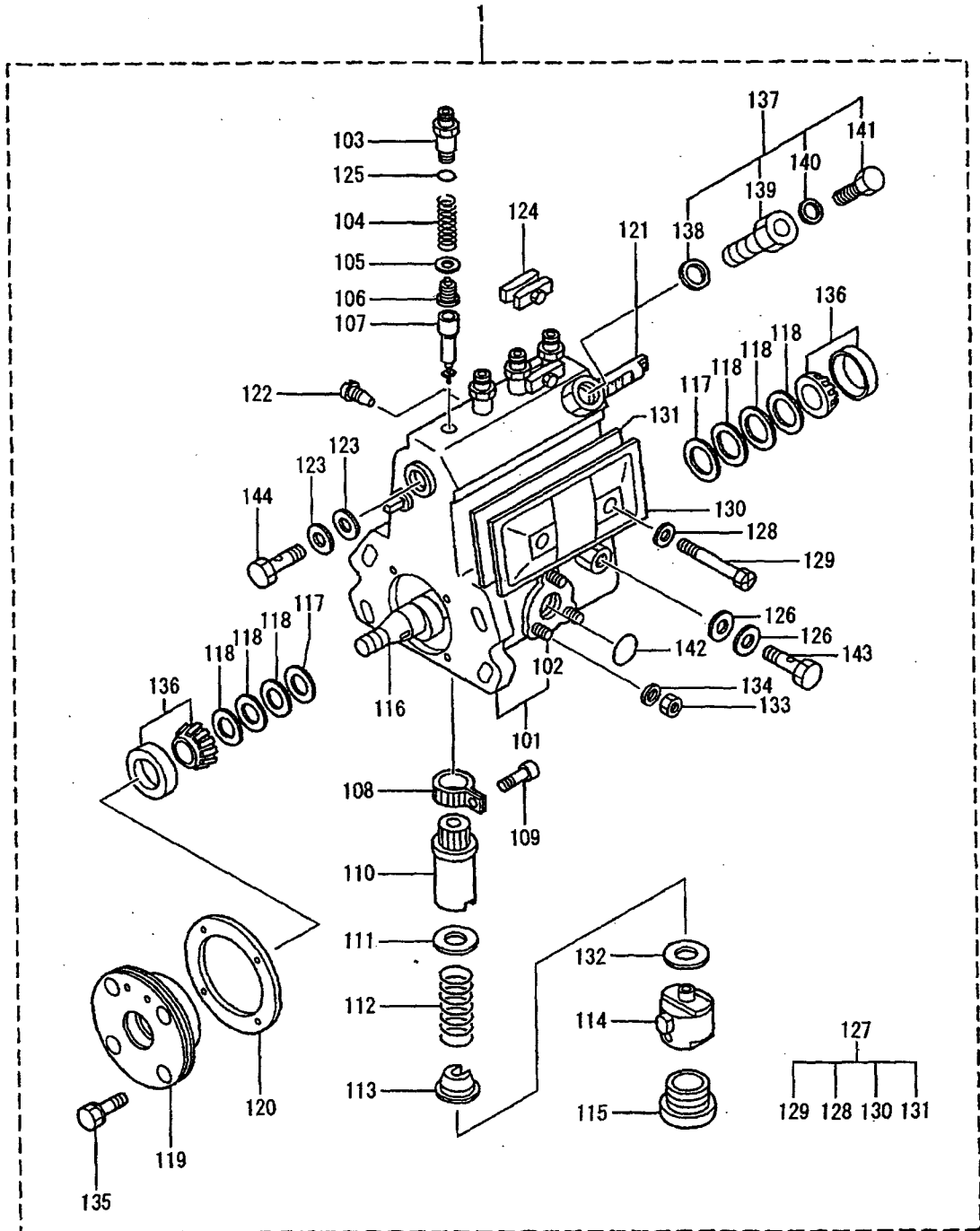
65-01-03 INJECTION PUMP
(FOR Y161DG)

1:Y161DG
2:Y1DT61DG
3:Y2DT65DG
4:Y3DT65DG

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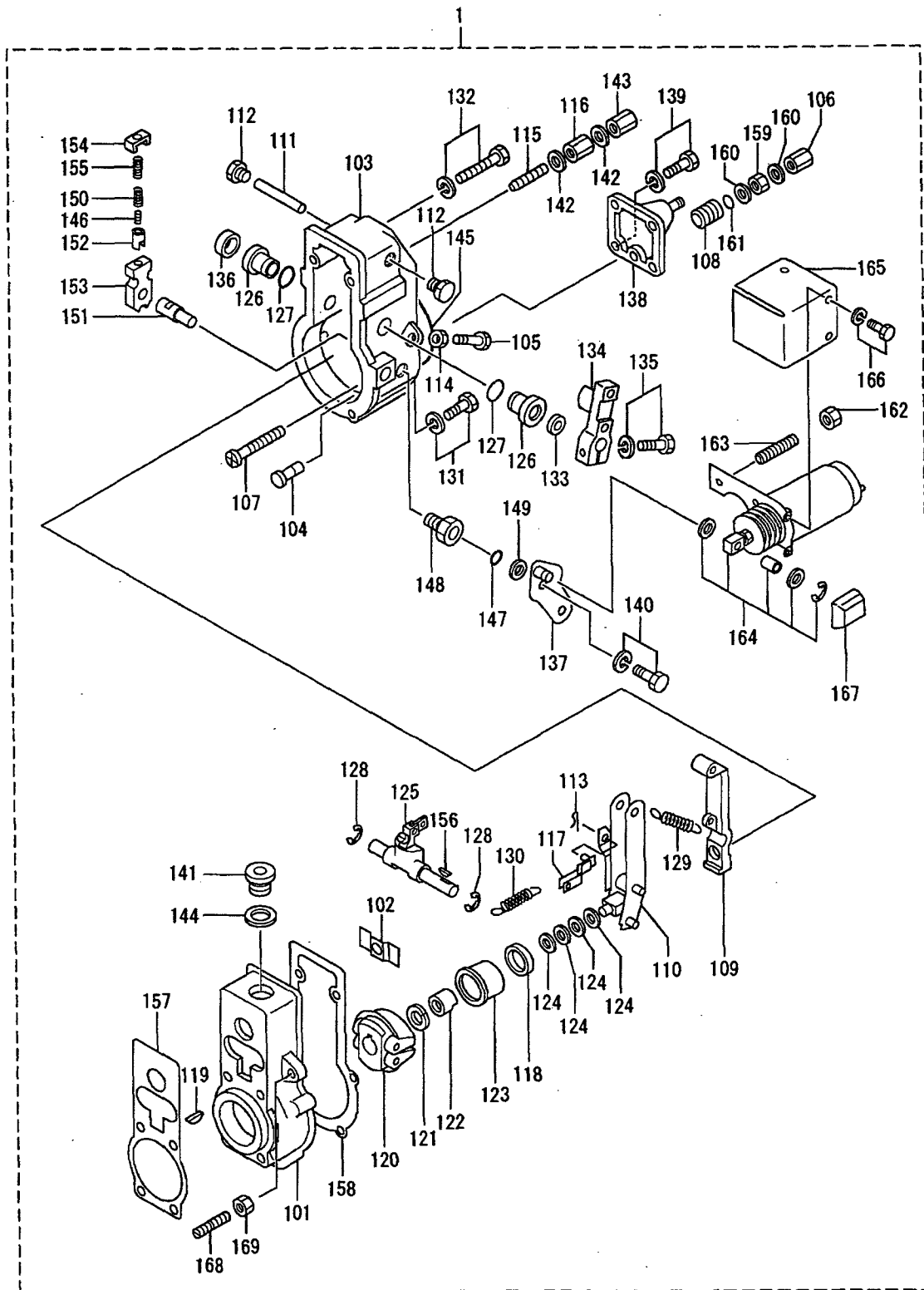
REF. -NO.	PART NO.	R / P	SC EN Q G	PART NAME & DESCRIPTION	MODEL & QTY						APPLICABLE SERIAL NO.		M / R	V R D
					1	2	3	4			FROM@-	-@UPTO		
1	*			BODY ASSY, INJECTION	1	.	.	.						
1 01	19011-05060			HOUSING, PUMP	1	.	.	.						
1 02	94904-30010			STUD	3	.	.	.						
1 03	09013-10330			HOLDER, DELIVERY	4	.	.	.						
1 04	09013-60020			SPRING, DELIVERY	4	.	.	.						A
1 05	09013-70100			GASKET, VALVE	4	.	.	.						A
1 06	09014-00660			VALVE, DELIVERY	4	.	.	.						
1 07	09015-03830			ELEMENT, PUMP	4	.	.	.						
1 08	09015-60010			PISTON, CONTROL	4	.	.	.						
1 09	09015-70010			SCREW, PISTON CLAMP	4	.	.	.						
1 10	09016-10330			SLEEVE, CONTROL	4	.	.	.						
1 11	09016-30191			SHEET, UPPER SPRING	4	.	.	.						
1 12	09016-40090			SPRING, PLUNGER	4	.	.	.						A
1 13	09016-50160			SHEET, LOWER SPRING	4	.	.	.						
1 14	09017-00070			TAPPET	4	.	.	.						
1 15	09018-90090			PLUG, SCREW	4	.	.	.						
1 16	09019-10081			CAMSHAFT	1	.	.	.						
1 17	09019-30020			RING, ADJUSTING	2	.	.	.						
1 18	09019-40010			SHIM	AR	.	.	.						A
	09019-40020			SHIM	AR	.	.	.						A
	09019-40030			SHIM	AR	.	.	.						A
	09019-40040			SHIM	AR	.	.	.						A
	09019-40050			SHIM	AR	.	.	.						A
	09019-40060			SHIM	AR	.	.	.						A
	09019-40110			SHIM	AR	.	.	.						A
	09019-40140			SHIM	AR	.	.	.						A
	09019-40150			SHIM	AR	.	.	.						A
	09019-40290			SHIM	AR	.	.	.						A
	09019-40400			SHIM	AR	.	.	.						A
1 19	09020-10300			COVER, BEARING	1	.	.	.						
1 20	09020-60160			GASKET, BEARING COVER	1	.	.	.						A
1 21	09021-20020			RACK, CONTROL	1	.	.	.						
1 22	09021-50060			SCREW, RACK GUIDE	1	.	.	.						
1 23	09022-20070			WASHER	2	.	.	.						A
1 24	09023-00050			PLATE, SET, LOCK	2	.	.	.						
1 25	94914-02570			O-RING	4	.	.	.						A
1 26	09025-10010			WASHER, DRAIN UNION	2	.	.	.						A
1 27	09027-01460			COVER, PUMP	1	.	.	.						
1 28	09024-30030			PACKING	2	.	.	.						A
1 29	09027-60030			SCREW, HEXAGON	2	.	.	.						
1 30	09027-50182			COVER, PLATE	1	.	.	.						
1 31	09027-20210			GASKET, COVER PLATE	1	.	.	.						A
1 32	09031-10010			PLATE, TAPPET SHIM	AR	.	.	.						A
	09031-10020			PLATE, TAPPET SHIM	AR	.	.	.						A
	09031-10030			PLATE, TAPPET SHIM	AR	.	.	.						A
	09031-10040			PLATE, TAPPET SHIM	AR	.	.	.						A
	09031-10050			PLATE, TAPPET SHIM	AR	.	.	.						A
	09031-10060			PLATE, TAPPET SHIM	AR	.	.	.						A
	09031-10070			PLATE, TAPPET SHIM	AR	.	.	.						A
	09031-10080			PLATE, TAPPET SHIM	AR	.	.	.						A

65-01-03 INJECTION PUMP
(FOR Y161DG)



1:Y161DG
2:Y1DT61DG
3:Y2DT65DG
4:Y3DT65DG

65-01-04 GOVERNOR
(FOR Y161DG)



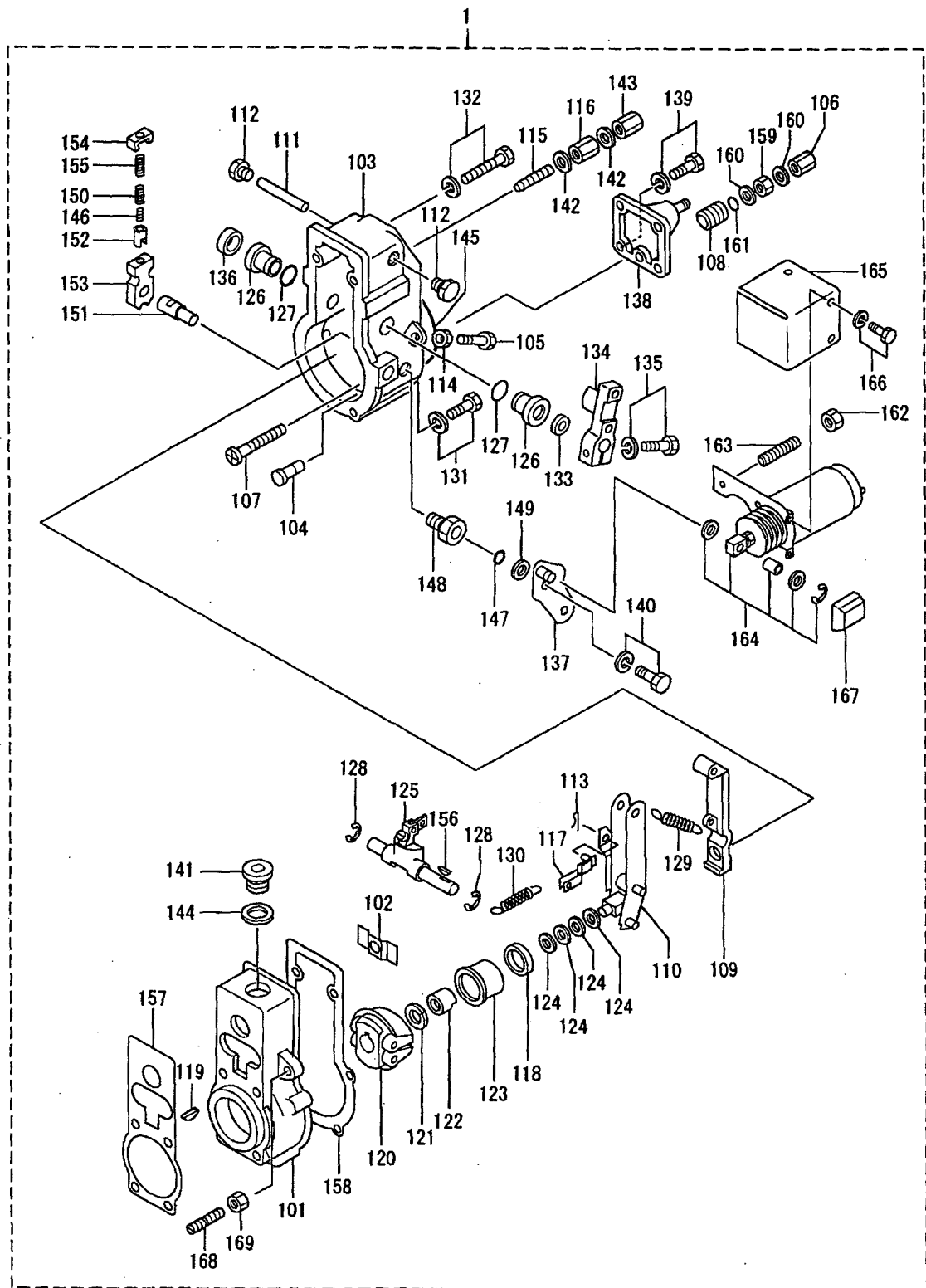
65-01-04 GOVERNOR
(FOR Y161DG)

1:Y161DG
2:Y1DT61DG
3:Y2DT65DG
4:Y3DT65DG

-103-

REF. -NO.	PART NO.	R / P	SC EN QG	PART NAME & DESCRIPTION	MODEL & QTY						APPLICABLE SERIAL NO.		M / R	V R D
					1	2	3	4			FROM@-	-@UPTO		
1	*			GOVERNOR ASSY	1	.	.	.						
1 01	09081-00660			HOUSING, GOVERNOR	1	.	.	.						
1 02	09087-80030			PLATE	1	.	.	.						
1 03	09101-11670			COVER, GOVERNOR	1	.	.	.						
1 04	09101-40090			PIN, STOP	1	.	.	.						
1 05	09082-10080			SCREW, ADJUSTING	1	.	.	.						A
1 06	09103-10151			NUT, CAP	1	.	.	.						A
1 07	09100-60150			SCREW, ADJUSTING	1	.	.	.						
1 08	09094-40310			BUSHING	1	.	.	.						
1 09	09090-10150			LEVER, TENSION	1	.	.	.						
1 10	09093-00041			LEVER ASSY, CONTROL	1	.	.	.						
1 11	09098-90010			SHAFT, LEVER SUPPORT	1	.	.	.						
1 12	09099-10010			PLUG, SCREW	2	.	.	.						
1 13	90400-02101			PIN, SPLIT	1	.	.	.						A
1 14	94805-30051			NUT	1	.	.	.						
1 15	09056-00160			CAPSULE	1	.	.	.						
1 16	09092-30060			NUT, ADAPTER LOCK	1	.	.	.						
1 17	09097-00170			SHACKLE	1	.	.	.						
1 18	94910-00010			BEARING, BALL	1	.	.	.						A
1 19	94913-00050			KEY, WOODRUFF	1	.	.	.						
1 20	09084-00660			FLYWEIGHT ASSY	1	.	.	.						
1 21	94901-50500			WASHER, SPRING	1	.	.	.						A
1 22	09084-40010			NUT, ROUND	1	.	.	.						
1 23	09086-10010			SLEEVE, GOVERNOR	1	.	.	.						
1 24	94901-34060			WASHER, PLATE	AR	.	.	.						A
	94901-34070			WASHER, PLATE	AR	.	.	.						A
	94901-34080			WASHER, PLATE	AR	.	.	.						A
	94901-34090			WASHER, PLATE	AR	.	.	.						A
	94901-34100			WASHER, PLATE	AR	.	.	.						A
1 25	09088-00140			LEVER, SWIVELING	1	.	.	.						
1 26	09089-20080			BUSHING, LEVER	2	.	.	.						
1 27	90801-20160			O-RING	2	.	.	.						A
1 28	94907-10090			WASHER, SNAP	2	.	.	.						
1 29	09099-20020			SPRING, CONTROL	1	.	.	.						
1 30	09099-30010			SPRING, START	1	.	.	.						A
1 31	94904-71760			BOLT, W/WASHER	4	.	.	.						A
1 32	94904-71750			BOLT, W/WASHER	2	.	.	.						A
1 33	94915-00210			SEAL, OIL	1	.	.	.						A
1 34	09107-11420			LEVER, ADJUSTING	1	.	.	.						
1 35	94904-71190			BOLT, W/WASHER	1	.	.	.						A
1 36	09109-40060			CAP, LEVER	1	.	.	.						A
1 37	09109-01030			LEVER, STOP	1	.	.	.						
1 38	09105-00491			PLATE, COVER	1	.	.	.						
1 39	94904-72701			BOLT, W/WASHER	1	.	.	.						A
1 40	94904-74850			BOLT, W/WASHER	1	.	.	.						A
1 41	09116-70050			PLUG, SCREW	1	.	.	.						
1 42	09024-10010			WASHER, NIPPLE	2	.	.	.						A
1 43	09103-10030			NUT, CAP	1	.	.	.						A
1 44	94901-81550			WASHER, COPPER PLATE	1	.	.	.						A
1 45	94906-21270			PACKING	1	.	.	.						A

65-01-04 GOVERNOR
(FOR Y161DG)



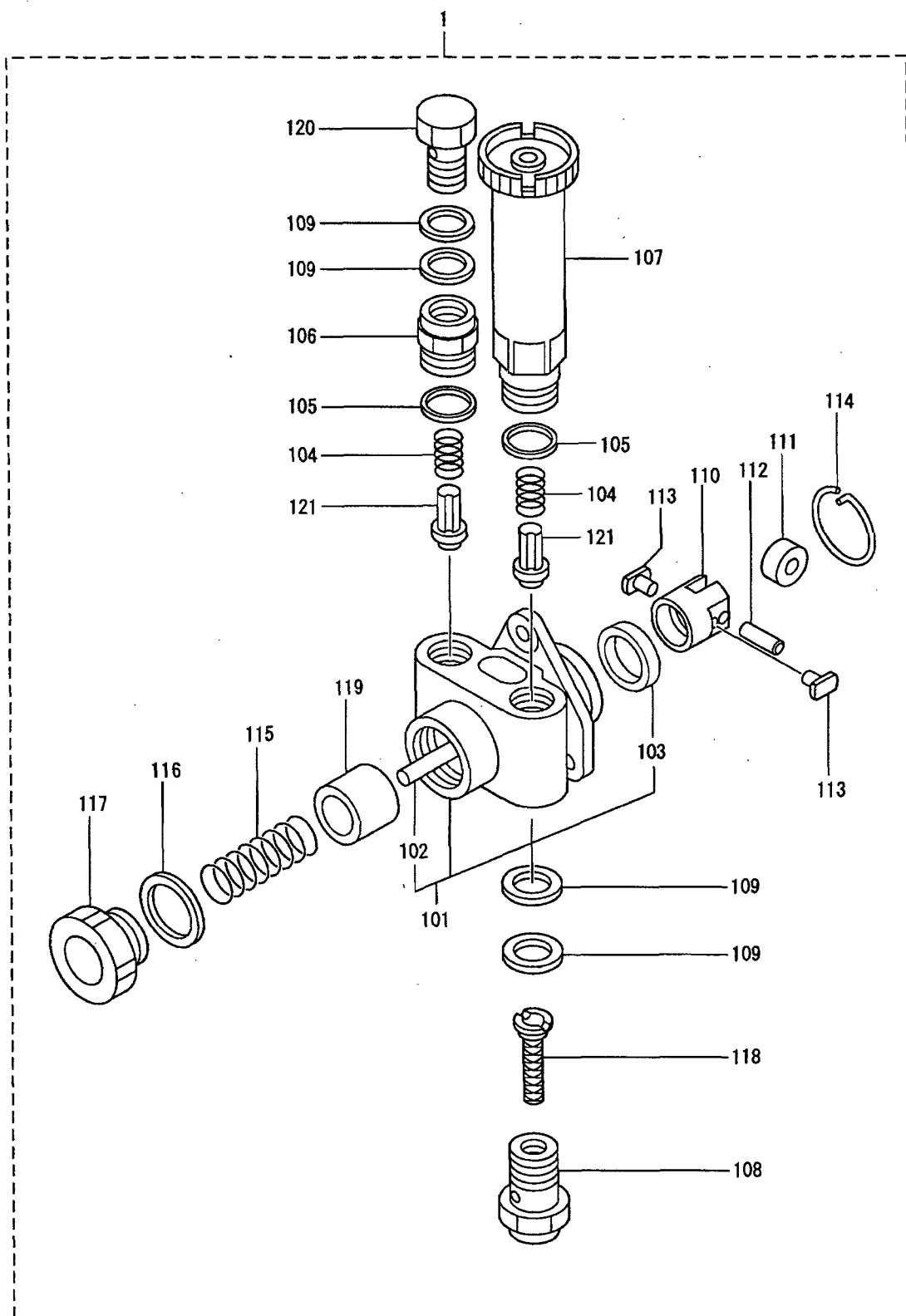
65-01-04 GOVERNOR
(FOR Y161DG)

1:Y161DG
2:Y1DT61DG
3:Y2DT65DG
4:Y3DT65DG

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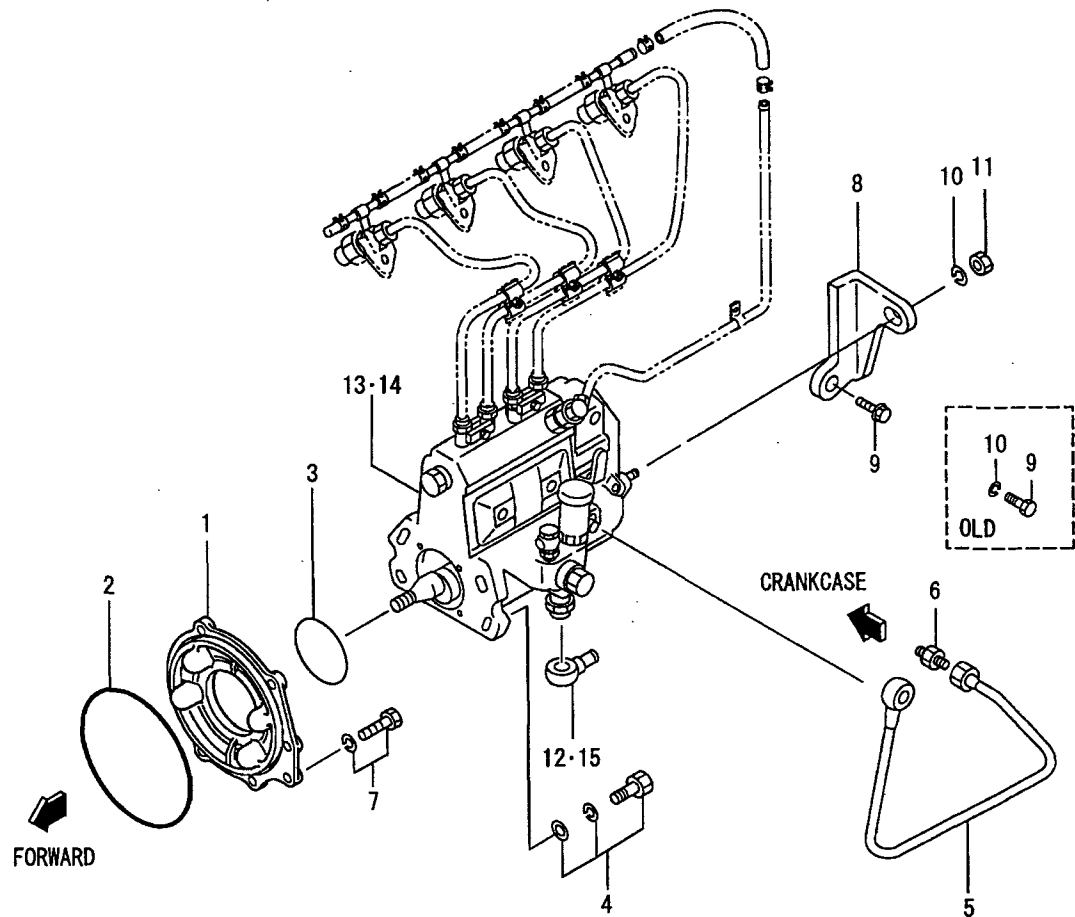
REF. -NO.	PART NO.	R / P	S C E N Q G	PART NAME & DESCRIPTION	MODEL & QTY						APPLICABLE SERIAL NO.		M / R	V R D
					1	2	3	4			FROM@-	@UPTO		
1 46	09103-80040			SPRING, PRESSURE	1	.	.	.					A	
1 47	94914-00130			O-RING	1	.	.	.					A	
1 48	09101-60360			BUSHING, BEARING	1	.	.	.					A	
1 49	09133-10540			WASHER	1	.	.	.					A	
1 50	09103-80050			SPRING, PRESSURE	1	.	.	.					A	
1 51	09103-50240			SHAFT, GOVERNOR	1	.	.	.						
1 52	09103-60010			CUP, SPRING	1	.	.	.						
1 53	09103-40161			LEVER, SUPPORT	1	.	.	.						
1 54	09103-30030			PLATE, CAP	1	.	.	.						
1 55	09103-80030			SPRING, PRESSURE	1	.	.	.					A	
1 56	94913-00030			KEY, WOODRUFF	1	.	.	.					A	
1 57	09082-30460			GASKET	1	.	.	.					A	
1 58	09082-30420			GASKET	1	.	.	.					A	
1 59	94905-03390			NUT, HEXAGON	1	.	.	.						
1 60	94901-81020			WASHER, PIPE UNION	2	.	.	.						
1 61	90801-10120			O-RING	1	.	.	.					A	
1 62	94905-05120			NUT, HEXAGON	3	.	.	.					A	
1 63	94904-32250			BOLT, STUD	3	.	.	.						
1 64	19089-00610			STOP SOLENOID KIT	1	.	.	.						
1 65	09109-50303			PLATE	1	.	.	.						
1 66	91518-05081			BOLT, W/WASHER	3	.	.	.					A	
1 67	09007-80142			COVER	1	.	.	.					A	
1 68	09102-40211			SCREW, ADJUSTING	1	.	.	.						
1 69	90190-08051			NUT, HEXAGON	1	.	.	.						

65-01-05 FEED PUMP
(FOR Y161DG)



1:Y161DG
2:Y1DT61DG
3:Y2DT65DG
4:Y3DT65DG

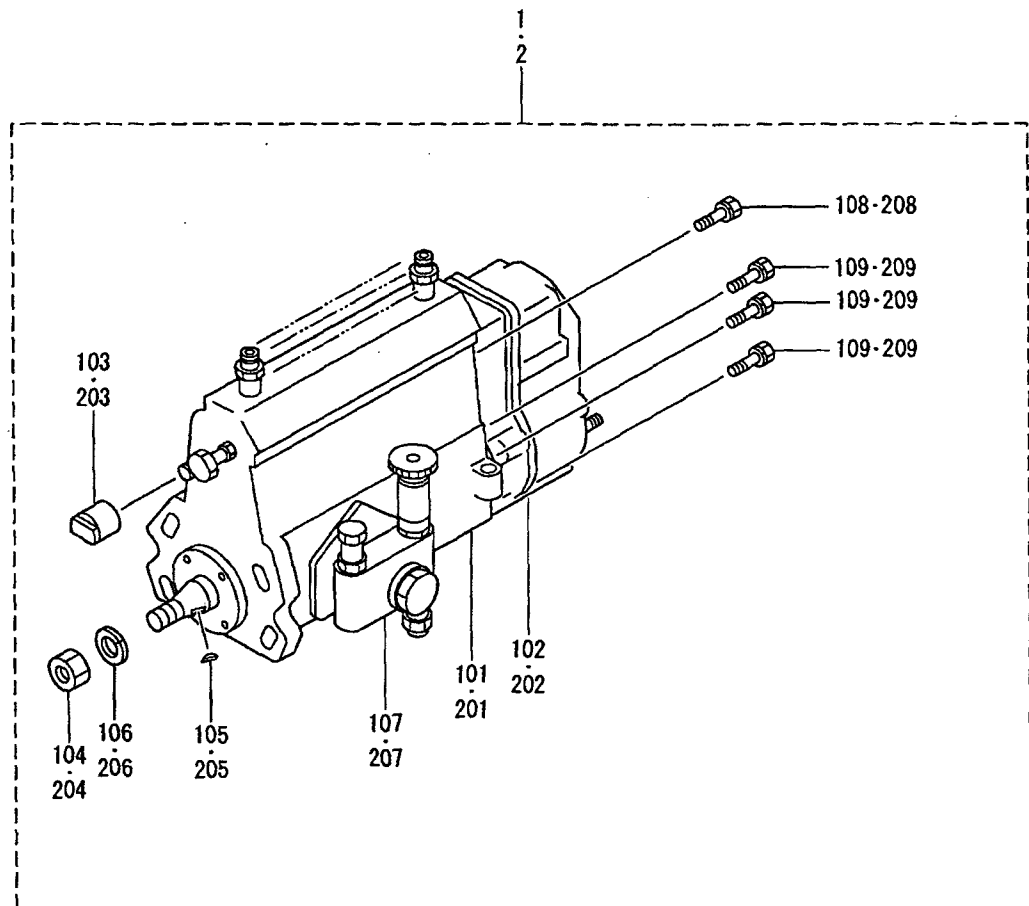
65-02-01 INJECTION PUMP
(FOR DT61DG,DT65DG)



1:Y161DG
2:Y1DT61DG
3:Y2DT65DG
4:Y3DT65DG

[illegible]

65-02-02 FUEL INJECTION PUMP GENERAL
(FOR DT61DG,DT65DG)



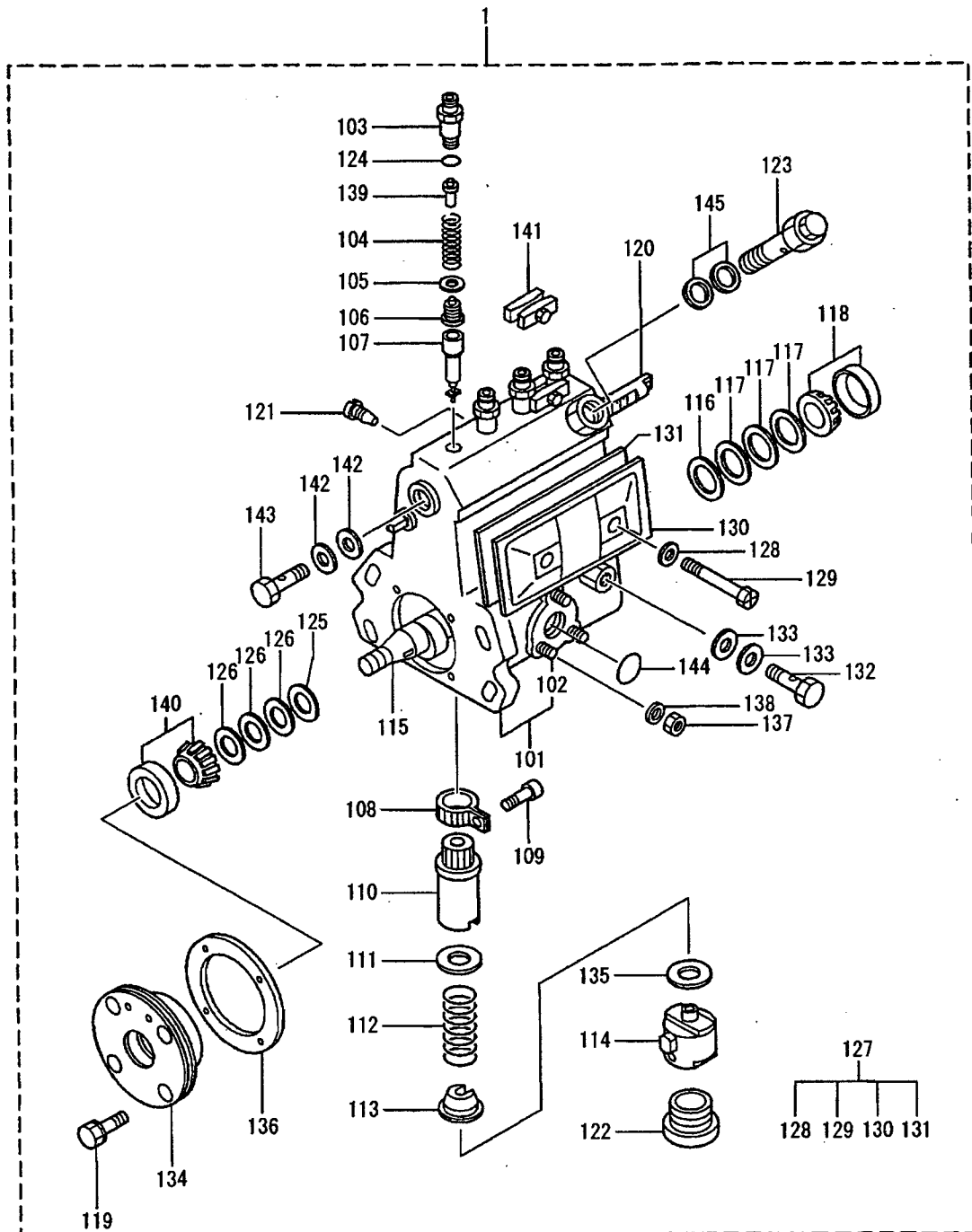
65-02-02 FUEL INJECTION PUMP GENERAL
(FOR DT61DG,DT65DG)

1:Y161DG
2:Y1DT61DG
3:Y2DT65DG
4:Y3DT65DG

-111-

REF. -NO.	PART NO.	R / P	SC EN Q	PART NAME & DESCRIPTION	MODEL & QTY						APPLICABLE SERIAL NO.		M / R	V R D
					1	2	3	4			FROM@-	-@UPTO		
1	32A65-05310			PUMP ASSY, INJECTION	.	1	.	.						
1 01	*			BODY ASSY, INJECTION	.	1	.	.						
1 02	*			GOVERNOR ASSY	.	1	.	.						
1 03	09001-80081			COVER, CONTROL RACK	.	1	.	.						
1 04	94905-03570			NUT, HEXAGON	.	1	.	.						
1 05	94913-00300			KEY, WOODRUFF	.	AR	.	.						
	94913-00320			KEY, WOODRUFF	.	AR	.	.						
	94913-00340			KEY, WOODRUFF	.	AR	.	.						
	94913-00360			KEY, WOODRUFF	.	AR	.	.						
1 06	94901-50590			WASHER, SPRING	.	1	.	.						A
1 07	34461-09060			PUMP ASSY, FEED	.	1	.	.						
1 08	91518-08221			BOLT, W/WASHER	.	1	.	.						A
1 09	91418-06161			BOLT, W/WASHER	.	6	.	.						A
2	32A65-04320	A		PUMP ASSY, INJECTION	.	.	1	.			180941-			
2 01	*			BODY ASSY, INJECTION	.	.	1	.						
2 02	*			GOVERNOR ASSY	.	.	1	.						
2 03	09001-80081	A		COVER, CONTROL RACK	.	.	1	.			180941-			
2 04	94905-03570	A		NUT, HEXAGON	.	.	1	.			180941-			
2 05	94913-00300	A		KEY, WOODRUFF	.	.	AR	.			180941-			
	94913-00320	A		KEY, WOODRUFF	.	.	AR	.			180941-			
	94913-00340	A		KEY, WOODRUFF	.	.	AR	.			180941-			
	94913-00360	A		KEY, WOODRUFF	.	.	AR	.			180941-			
2 06	94901-50590	A		WASHER, SPRING	.	.	1	.			180941-			A
2 07	34461-09060	A		PUMP ASSY, FEED	.	.	1	.			180941-			
2 08	91518-08221	A		BOLT, W/WASHER	.	.	1	.			180941-			A
2 09	91418-06161	A		BOLT, W/WASHER	.	.	6	.			180941-			A

65-02-03 INJECTION PUMP
(FOR Y1DT61DG)



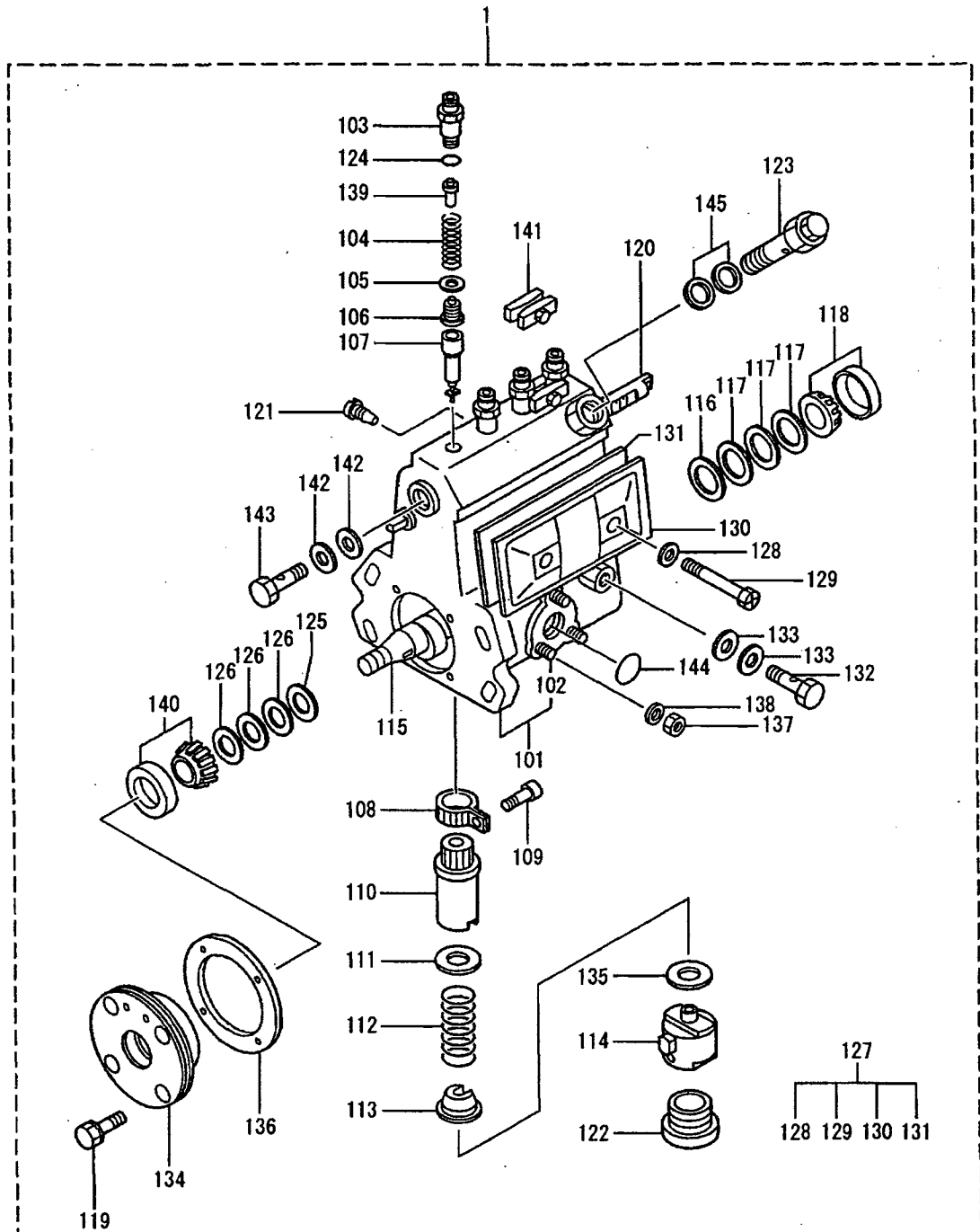
65-02-03 INJECTION PUMP
(FOR Y1DT61DG)

1:Y161DG
2:Y1DT61DG
3:Y2DT65DG
4:Y3DT65DG

-113-

REF. -NO.	PART NO.	R / P	SC EN Q	PART NAME & DESCRIPTION	MODEL & QTY					APPLICABLE SERIAL NO.		M / R	V R D
					1	2	3	4		FROM@-	-@UPTO		
1	*			BODY ASSY, INJECTION	-	1	-	-					
1 01	19011-05180			HOUSING, PUMP	-	1	-	-					
1 02	94904-30010			STUD	-	3	-	-					
1 03	09013-10710			HOLDER, VALVE	-	4	-	-					
1 04	09013-61190			SPRING	-	4	-	-				A	
1 05	09013-70100			GASKET, VALVE	-	4	-	-				A	
1 06	09014-01890			VALVE, DELIVERY	-	4	-	-					
1 07	09015-05800			ELEMENT, PUMP	-	4	-	-					
1 08	09015-60010			PINION, CONTROL	-	4	-	-					
1 09	09015-70010			SCREW, PINION CLAMP	-	4	-	-					
1 10	09016-10330			SLEEVE, CONTROL	-	4	-	-					
1 11	09016-30191			SHEET, UPPER SPRING	-	4	-	-					
1 12	09016-40350			SPRING, PLUNGER	-	4	-	-				A	
1 13	09016-50160			SHEET, LOWER SPRING	-	4	-	-					
1 14	09017-00070			TAPPET	-	4	-	-					
1 15	09019-10860			CAMSHAFT	-	1	-	-					
1 16	09019-30020			RING, ADJUSTING	-	1	-	-					
1 17	09019-40010			SHIM T=0.10	-	AR	-	-				A	
	09019-40020			SHIM T=0.12	-	AR	-	-				A	
	09019-40030			SHIM T=0.14	-	AR	-	-				A	
	09019-40040			SHIM T=0.16	-	AR	-	-				A	
	09019-40050			SHIM T=0.18	-	AR	-	-				A	
	09019-40060			SHIM T=0.50	-	AR	-	-				A	
	09019-40110			SHIM T=0.30	-	AR	-	-				A	
	09019-40140			SHIM T=1.00	-	AR	-	-				A	
	09019-40150			SHIM T=1.50	-	AR	-	-				A	
	09019-40290			SHIM T=2.00	-	AR	-	-				A	
	09019-40400			SHIM T=0.03	-	AR	-	-				A	
1 18	94910-10120			BEARING, ROLLER	-	1	-	-				A	
1 19	91418-06201			BOLT, W/WASHER	-	4	-	-				A	
1 20	09021-20020			RACK, CONTROL	-	1	-	-					
1 21	09021-50060			SCREW, RACK GUIDE	-	1	-	-					
1 22	09018-90090			PLUG, SCREW	-	4	-	-					
1 23	09031-00130			VALVE ASSY	-	1	-	-					
1 24	94914-02570			O-RING	-	4	-	-				A	
1 25	09019-30050			RING, ADJUSTING	-	1	-	-					
1 26	09019-40070			PLATE, SHIM T=0.10	-	AR	-	-				A	
	09019-40080			PLATE, SHIM T=0.15	-	AR	-	-				A	
	09019-40090			PLATE, SHIM T=0.30	-	AR	-	-				A	
	09019-40100			PLATE, SHIM T=0.50	-	AR	-	-				A	
	09019-40160			PLATE, SHIM T=1.00	-	AR	-	-				A	
	09019-40170			PLATE, SHIM T=1.50	-	AR	-	-				A	
	09019-40340			PLATE, SHIM T=0.12	-	AR	-	-				A	
	09019-40350			PLATE, SHIM T=0.14	-	AR	-	-				A	
	09019-40360			PLATE, SHIM T=0.18	-	AR	-	-				A	
	09019-40410			PLATE, SHIM T=0.30	-	AR	-	-				A	
1 27	09027-01460			COVER, PUMP	-	1	-	-					
1 28	09024-30030			PACKING	-	2	-	-				A	
1 29	09027-60030			SCREW, HEXAGON	-	2	-	-					
1 30	09027-50182			COVER, PLATE	-	1	-	-					

65-02-03 INJECTION PUMP (FOR Y1DT61DG)



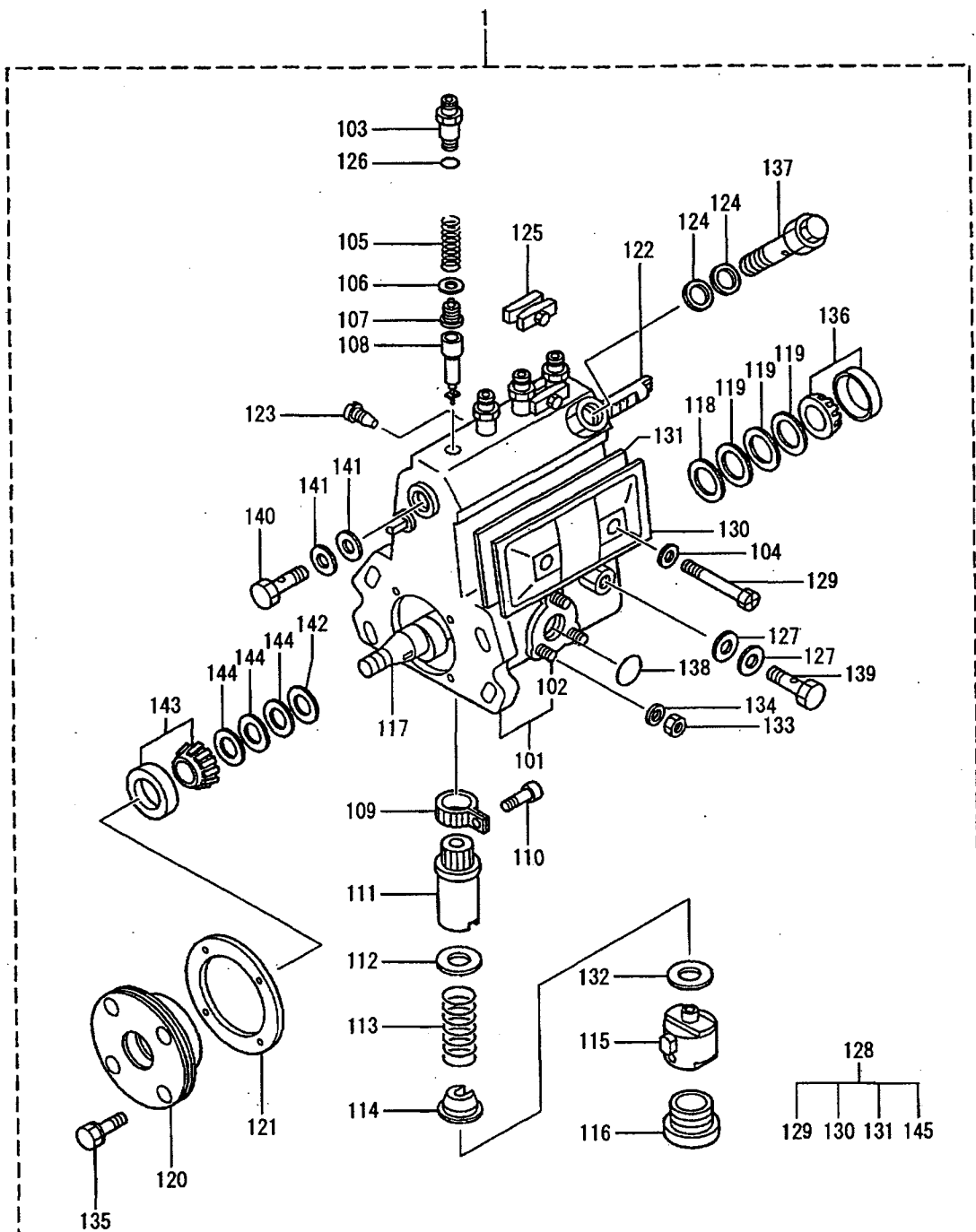
65-02-03 INJECTION PUMP
(FOR Y1DT61DG)

1:Y161DG
2:Y1DT61DG
3:Y2DT65DG
4:Y3DT65DG

-115-

REF. -NO.	PART NO.	R / P	SC EN Q G	PART NAME & DESCRIPTION	MODEL & QTY					APPLICABLE SERIAL NO.		M / R	V R D
					1	2	3	4		FROM@-	-@UPTO		
1 31	09027-20210			GASKET, COVER PLATE	.	1	.	.				A	
1 32	94918-00060			SCREW, HOLLOW	.	1	.	.				A	
1 33	09025-10010			WASHER, DRAIN UNION	.	2	.	.				A	
1 34	09020-10351			COVER, BEARING	.	1	.	.				A	
1 35	09031-10010			PLATE, TAPPET SHIM T=0.60	.	AR	.	.				A	
	09031-10020			PLATE, TAPPET SHIM T=0.70	.	AR	.	.				A	
	09031-10030			PLATE, TAPPET SHIM T=0.80	.	AR	.	.				A	
	09031-10040			PLATE, TAPPET SHIM T=0.90	.	AR	.	.				A	
	09031-10050			PLATE, TAPPET SHIM T=1.00	.	AR	.	.				A	
	09031-10060			PLATE, TAPPET SHIM T=1.10	.	AR	.	.				A	
	09031-10070			PLATE, TAPPET SHIM T=1.20	.	AR	.	.				A	
	09031-10080			PLATE, TAPPET SHIM T=1.30	.	AR	.	.				A	
	09031-10090			PLATE, TAPPET SHIM T=1.40	.	AR	.	.				A	
	09031-10100			PLATE, TAPPET SHIM T=0.10	.	AR	.	.				A	
	09031-10110			PLATE, TAPPET SHIM T=0.20	.	AR	.	.				A	
	09031-10120			PLATE, TAPPET SHIM T=0.30	.	AR	.	.				A	
	09031-10130			PLATE, TAPPET SHIM T=0.40	.	AR	.	.				A	
	09031-10140			PLATE, TAPPET SHIM T=0.50	.	AR	.	.				A	
	09031-10150			PLATE, TAPPET SHIM T=0.15	.	AR	.	.				A	
	09031-10290			PLATE, TAPPET SHIM T=0.13	.	AR	.	.				A	
1 36	09020-60150			GASKET, BEARING COVER	.	1	.	.				A	
1 37	90160-06051			NUT, HEXAGON	.	3	.	.				A	
1 38	90258-06001			WASHER, SPRING	.	3	.	.				A	
1 39	09013-30261			STOPPER, DELIVERY	.	4	.	.				A	
1 40	94910-10071			BEARING, ROLLER	.	1	.	.				A	
1 41	09023-00050			PLATE SET, LOCK	.	2	.	.				A	
1 42	09022-20070			WASHER	.	2	.	.				A	
1 43	94918-00310			SCREW, HOLLOW	.	1	.	.				A	
1 44	94914-00380			O-RING	.	1	.	.				A	
1 45	09022-20060			WASHER, UNION	.	2	.	.				A	

65-02-04 INJECTION PUMP
(FOR Y2DT65DG)



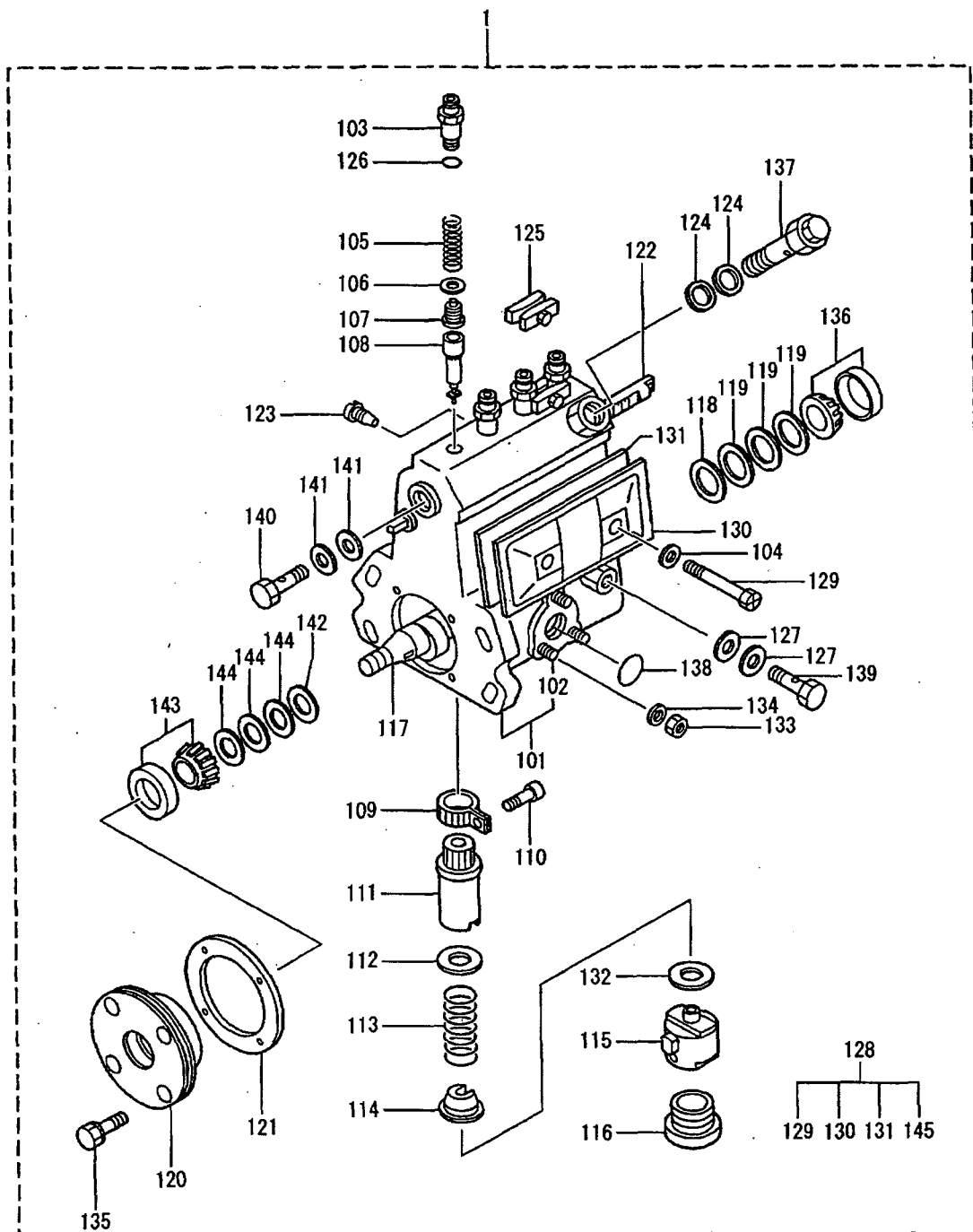
65-02-04 INJECTION PUMP
(FOR Y2DT65DG)

1:Y161DG
2:Y1DT61DG
3:Y2DT65DG
4:Y3DT65DG

-117-

REF. -NO.	PART NO.	R / P	S EN Q G	PART NAME & DESCRIPTION	MODEL & QTY					APPLICABLE SERIAL NO.		M / R	V R D
					1	2	3	4		FROM@-	-@UPTO		
1	*			BODY ASSY, INJECTION	.	.	1	.					
1 01	19011-05180			HOUSING, PUMP	.	.	1	.					
1 02	94904-30010			STUD	.	.	3	.					
1 03	09013-00470			HOLDER, VALVE	.	.	4	.					
1 04	09024-30030			PACKING	.	.	2	.					A
1 05	09013-60930			SPRING, VALVE	.	.	4	.					
1 06	09013-70100			GASKET, VALVE	.	.	4	.					A
1 07	09014-01660			VALVE, DELIVERY	.	.	4	.					
1 08	09015-06670			ELEMENT, PUMP	.	.	4	.					A
1 09	09015-60010			PINION, CONTROL	.	.	4	.					
1 10	09015-70010			SCREW, PINION CLAMP	.	.	4	.					
1 11	09016-10500			SLEEVE, CONTROL	.	.	4	.					
1 12	09016-30191			SHEET, UPPER SPRING	.	.	4	.					
1 13	09016-40090			SPRING, PLUNGER	.	.	4	.					A
1 14	09016-50160			SHEET, LOWER SPRING	.	.	4	.					
1 15	09017-00070			TAPPET	.	.	4	.					
1 16	09018-90090			PLUG, SCREW	.	.	4	.					
1 17	09019-10860			CAMSHAFT	.	.	1	.					
1 18	09019-30020			RING, ADJUSTING	.	.	1	.					
1 19	09019-40010			SHIM	.	.	AR	.					A
	09019-40020			SHIM	.	.	AR	.					A
	09019-40030			SHIM	.	.	AR	.					A
	09019-40040			SHIM	.	.	AR	.					A
	09019-40050			SHIM	.	.	AR	.					A
	09019-40060			SHIM	.	.	AR	.					A
	09019-40110			SHIM	.	.	AR	.					A
	09019-40140			SHIM	.	.	AR	.					A
	09019-40150			SHIM	.	.	AR	.					A
	09019-40290			SHIM	.	.	AR	.					A
	09019-40400			SHIM	.	.	AR	.					A
1 20	09020-10351			COVER, BEARING	.	.	1	.					
1 21	09020-60150			GASKET, BEARING COVER	.	.	1	.					A
1 22	09021-20020			RACK, CONTROL	.	.	1	.					
1 23	09021-50060			SCREW, RACK GUIDE	.	.	1	.					
1 24	09022-20060			WASHER, UNION	.	.	2	.					A
1 25	09023-00050			PLATE SET, LOCK	.	.	2	.					
1 26	94914-02570			O-RING	.	.	4	.					A
1 27	09025-10010			WASHER, DRAIN UNION	.	.	2	.					A
1 28	09027-01460			COVER, PUMP	.	.	1	.					
1 29	09027-60030			SCREW, HEXAGON	.	.	2	.					
1 30	09027-50182			COVER, PLATE	.	.	1	.					
1 31	09027-20210			GASKET, COVER PLATE	.	.	1	.					A
1 32	09031-10010			PLATE, TAPPET SHIM	.	.	AR	.					A
	09031-10020			PLATE, TAPPET SHIM	.	.	AR	.					A
	09031-10030			PLATE, TAPPET SHIM	.	.	AR	.					A
	09031-10040			PLATE, TAPPET SHIM	.	.	AR	.					A
	09031-10050			PLATE, TAPPET SHIM	.	.	AR	.					A
	09031-10060			PLATE, TAPPET SHIM	.	.	AR	.					A
	09031-10070			PLATE, TAPPET SHIM	.	.	AR	.					A
	09031-10080			PLATE, TAPPET SHIM	.	.	AR	.					A

65-02-04 INJECTION PUMP
(FOR Y2DT65DG)



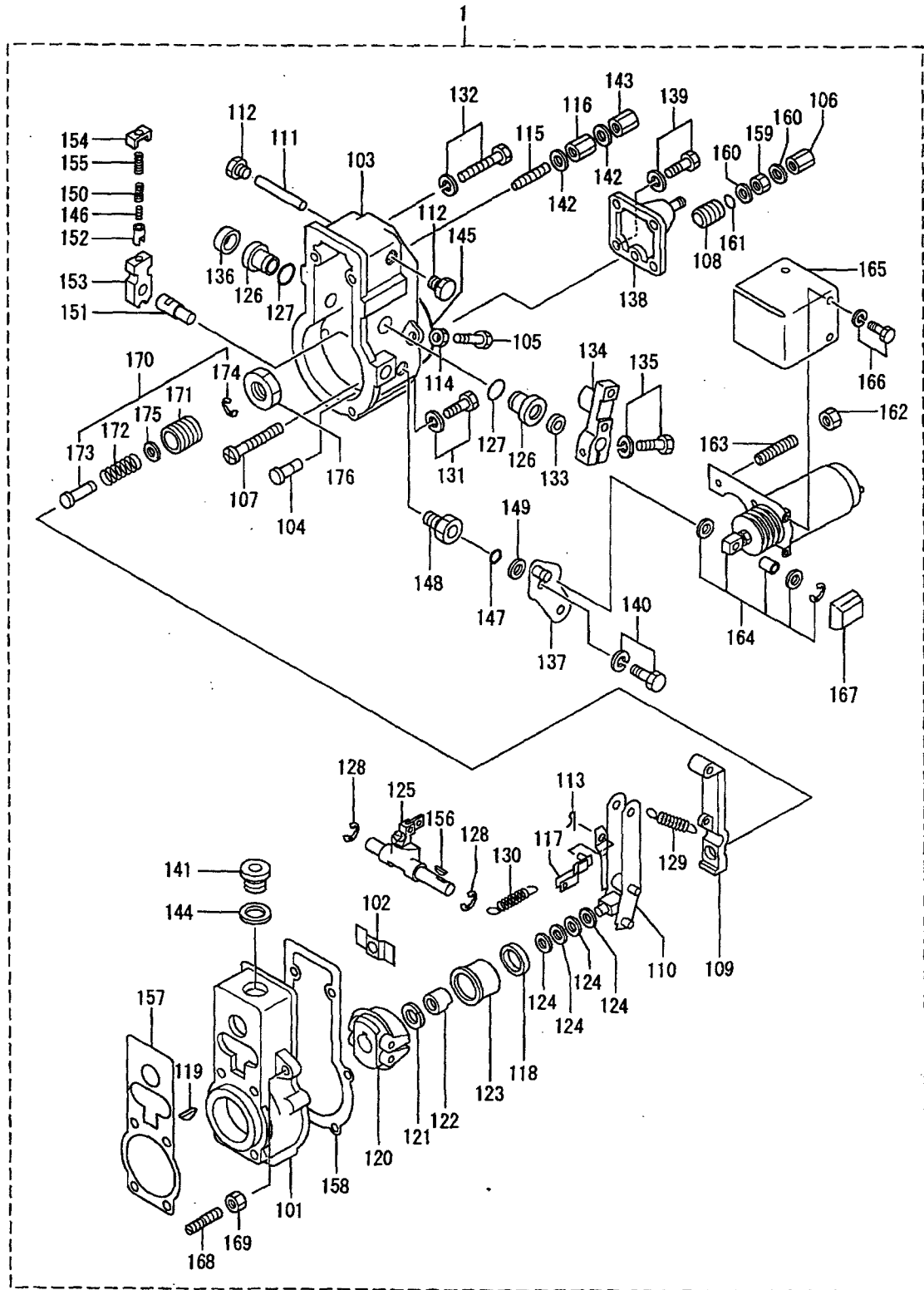
65-02-04 INJECTION PUMP
(FOR Y2DT65DG)

1:Y161DG
2:Y1DT61DG
3:Y2DT65DG
4:Y3DT65DG

-119-

REF. -NO.	PART NO.	R / P	SC EN QG	PART NAME & DESCRIPTION	MODEL & QTY						APPLICABLE SERIAL NO.		M / R	V R D
					1	2	3	4			FROM-	-@UPTO		
1 32	09031-10090			PLATE, TAPPET SHIM	T=1.40	*	*	AR	*				A	
	09031-10100			PLATE, TAPPET SHIM	T=0.10	*	*	AR	*				A	
	09031-10110			PLATE, TAPPET SHIM	T=0.20	*	*	AR	*				A	
	09031-10120			PLATE, TAPPET SHIM	T=0.30	*	*	AR	*				A	
	09031-10130			PLATE, TAPPET SHIM	T=0.40	*	*	AR	*				A	
	09031-10140			PLATE, TAPPET SHIM	T=0.50	*	*	AR	*				A	
	09031-10150			PLATE, TAPPET SHIM	T=0.15	*	*	AR	*				A	
	09031-10290			PLATE, TAPPET SHIM	T=0.13	*	*	AR	*				A	
1 33	90160-06051			NUT, HEXAGON		*	*	3	*				A	
1 34	90258-06001			WASHER, SPRING		*	*	3	*				A	
1 35	91418-06201			BOLT, W/WASHER		*	*	4	*				A	
1 36	94910-10120			BEARING, ROLLER		*	*	1	*				A	
1 37	09031-00130			VALVE ASSY		*	*	1	*				A	
1 38	94914-00380			O-RING		*	*	1	*				A	
1 39	94918-00060			SCREW, HOLLOW		*	*	1	*				A	
1 40	94918-00310			SCREW, HOLLOW		*	*	1	*				A	
1 41	09022-20070			WASHER		*	*	2	*				A	
1 42	09019-30050			RING, ADJUSTING		*	*	1	*				A	
1 43	94910-10071			BEARING, ROLLER		*	*	1	*				A	
1 44	09019-40070			PLATE, SHIM	T=0.10	*	*	AR	*				A	
	09019-40080			PLATE, SHIM	T=0.15	*	*	AR	*				A	
	09019-40090			PLATE, SHIM	T=0.30	*	*	AR	*				A	
	09019-40100			PLATE, SHIM	T=0.50	*	*	AR	*				A	
	09019-40160			PLATE, SHIM	T=1.00	*	*	AR	*				A	
	09019-40170			PLATE, SHIM	T=1.50	*	*	AR	*				A	
	09019-40340			PLATE, SHIM	T=0.12	*	*	AR	*				A	
	09019-40350			PLATE, SHIM	T=0.14	*	*	AR	*				A	
	09019-40360			PLATE, SHIM	T=0.18	*	*	AR	*				A	
	09019-40410			PLATE, SHIM	T=0.30	*	*	AR	*				A	

65-02-05 GOVERNOR
(FOR Y1DT61DG)



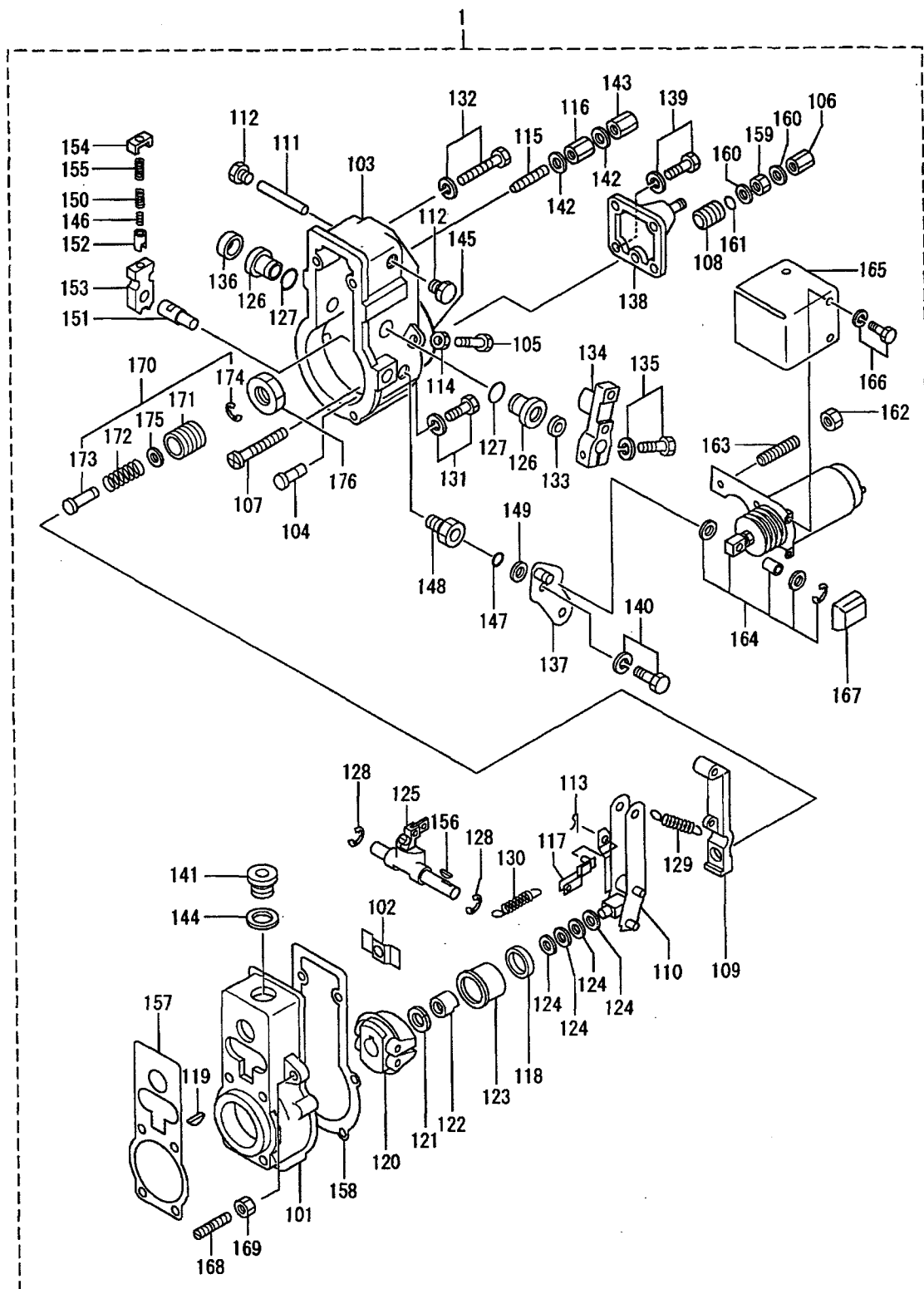
65-02-05 GOVERNOR
(FOR Y1DT61DG)

1:Y161DG
2:Y1DT61DG
3:Y2DT65DG
4:Y3DT65DG

-121-

REF. -NO.	PART NO.	R / P	SC EN Q G	PART NAME & DESCRIPTION	MODEL & QTY						APPLICABLE SERIAL NO.		M / R	V R D
					1	2	3	4			FROM	TO		
1	*			GOVERNOR ASSY	.	1	.	.						
1 01	09081-00660			HOUSING, GOVERNOR	.	1	.	.						
1 02	09087-80030			PLATE	.	1	.	.						
1 03	09101-11670			COVER, GOVERNOR	.	1	.	.						
1 04	09101-40090			PIN, STOP	.	1	.	.						
1 05	09102-40031			SCREW, ADJUSTING	.	1	.	.					A	
1 06	09103-10151			NUT, CAP	.	1	.	.					A	
1 07	09100-60150			SCREW, ADJUSTING	.	1	.	.						
1 08	09094-40310			BUSHING	.	1	.	.						
1 09	09090-10150			LEVER, TENSION	.	1	.	.						
1 10	09093-00041			LEVER ASSY, CONTROL	.	1	.	.						
1 11	09098-90010			SHAFT, LEVER SUPPORT	.	1	.	.						
1 12	09099-10010			PLUG, SCREW	.	2	.	.						
1 13	90400-02101			PIN, SPLIT	.	1	.	.					A	
1 14	94805-30051			NUT	.	1	.	.						
1 15	09056-00150			CAPSULE	.	1	.	.						
1 16	09092-30060			NUT, ADAPTER LOCK	.	1	.	.						
1 17	09097-00170			SHACKLE	.	1	.	.						
1 18	94910-00010			BEARING, BALL	.	1	.	.					A	
1 19	94913-00050			KEY, WOODRUFF	.	1	.	.						
1 20	09084-00560			FLYWEIGHT ASSY	.	1	.	.						
1 21	94901-50500			WASHER, SPRING	.	1	.	.					A	
1 22	09084-40010			NUT, ROUND	.	1	.	.						
1 23	09086-10010			SLEEVE, GOVERNOR	.	1	.	.						
1 24	94901-34060			WASHER, PLATE	T=0.2	AR	.	.					A	
	94901-34070			WASHER, PLATE	T=0.3	AR	.	.					A	
	94901-34080			WASHER, PLATE	T=0.4	AR	.	.					A	
	94901-34090			WASHER, PLATE	T=0.1	AR	.	.					A	
	94901-34100			WASHER, PLATE	T=1.0	AR	.	.					A	
1 25	09088-00140			LEVER, SWIVELING	.	1	.	.						
1 26	09089-20080			BUSHING, LEVER	.	2	.	.						
1 27	90801-20160			O-RING	.	2	.	.					A	
1 28	94907-10090			WASHER, SNAP	.	2	.	.						
1 29	09099-20480			SPRING, CONTROL	.	1	.	.						
1 30	09099-30010			SPRING, START	.	1	.	.					A	
1 31	94904-71760			BOLT, W/WASHER	.	4	.	.					A	
1 32	94904-71750			BOLT, W/WASHER	.	2	.	.					A	
1 33	94915-00210			SEAL, OIL	.	1	.	.					A	
1 34	09107-12870			LEVER, ADJUSTING	.	1	.	.						
1 35	94904-71190			BOLT, W/WASHER	.	1	.	.					A	
1 36	09109-40060			CAP, LEVER	.	1	.	.					A	
1 37	09109-01030			LEVER, STOP	.	1	.	.						
1 38	09105-00491			PLATE, COVER	.	1	.	.						
1 39	94904-72701			BOLT, W/WASHER	.	2	.	.					A	
1 40	94904-74850			BOLT, W/WASHER	.	1	.	.					A	
1 41	09116-70050			PLUG, SCREW	.	1	.	.						
1 42	09024-10010			WASHER, NIPPLE	.	2	.	.					A	
1 43	09103-10030			NUT, CAP	.	1	.	.					A	
1 44	94901-81550			WASHER, COPPER PLATE	.	1	.	.					A	
1 45	94906-21270			PACKING	.	1	.	.					A	

65-02-05 GOVERNOR
(FOR Y1DT61DG)



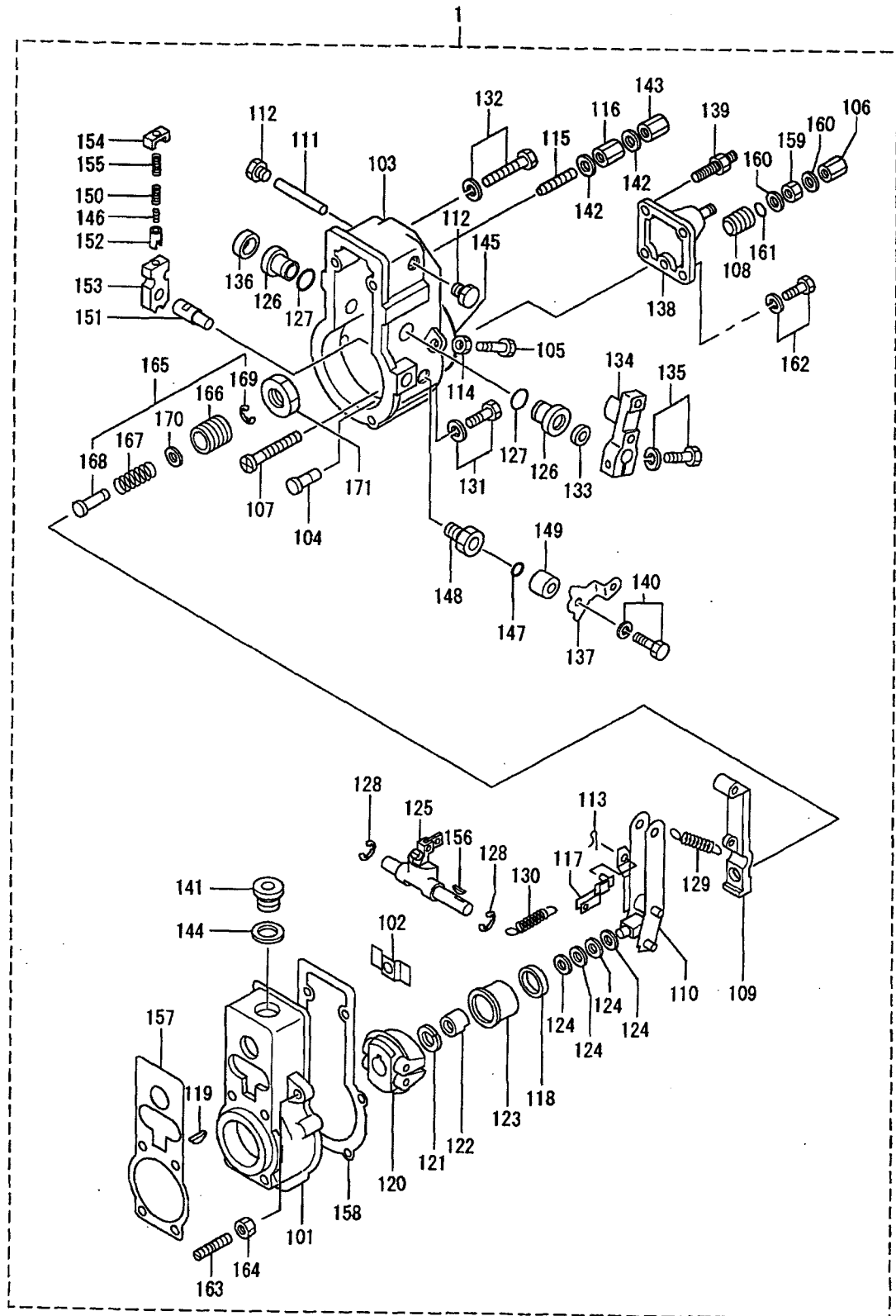
65-02-05 GOVERNOR
(FOR Y1DT61DG)

1:Y161DG
2:Y1DT61DG
3:Y2DT65DG
4:Y3DT65DG

-123-

REF. -NO.	PART NO.	R / P	SC EN GG	PART NAME & DESCRIPTION	MODEL & QTY						APPLICABLE SERIAL NO.		M / R	V / R D
					1	2	3	4			FROM-	-@UPTO		
1 46	09103-80040			SPRING, PRESSURE	.	1	.	.					A	
1 47	94914-00130			O-RING	.	1	.	.					A	
1 48	09101-60360			BUSHING, BEARING	.	1	.	.					A	
1 49	09133-10540			WASHER	.	1	.	.					A	
1 50	09103-80050			SPRING, PRESSURE	.	1	.	.					A	
1 51	09103-50240			SHAFT, GOVERNOR	.	1	.	.						
1 52	09103-60010			CAP, SPRING	.	1	.	.						
1 53	09103-40161			LEVER, SUPPORT	.	1	.	.						
1 54	09103-30030			PLATE, CAP	.	1	.	.						
1 55	09103-80030			SPRING, PRESSURE	.	1	.	.					A	
1 56	94913-00030			KEY, WOODRUFF	.	1	.	.						
1 57	09082-30460			GASKET	.	1	.	.					A	
1 58	09082-30420			GASKET	.	1	.	.					A	
1 59	94905-03390			NUT, HEXAGON	.	1	.	.						
1 60	94901-81020			WASHER, PIPE UNION	.	2	.	.						
1 61	90801-10120			O-RING	.	1	.	.					A	
1 62	94905-05120			NUT, HEXAGON	.	1	.	.						
1 63	94904-32250			BOLT, STUD	.	1	.	.					A	
1 64	19089-00610			STOP SOLENOID KIT	.	1	.	.						
1 65	09109-50303			PLATE	.	1	.	.						
1 66	91518-05081			BOLT, W/WASHER	.	1	.	.					A	
1 67	09007-80142			COVER	.	1	.	.						
1 68	09102-40211			SCREW, ADJUSTING	.	1	.	.					A	
1 69	90190-08051			NUT, HEXAGON	.	1	.	.						
1 70	09091-00720			ADAPTER	.	1	.	.						
1 71	09091-10010			SCREW, ADAPTER	.	1	.	.						
1 72	09091-81220			SPRING, GOVERNOR	.	1	.	.						
1 73	09091-90010			ADAPTER	.	1	.	.						
1 74	09089-40010			E-RING	.	1	.	.					A	
1 75	94901-33880			WASHER, PLATE	.	AR	.	.						
	94901-34020			WASHER, PLATE	.	AR	.	.						
	94901-34030			WASHER, PLATE	.	AR	.	.						
	94901-34040			WASHER, PLATE	.	AR	.	.						
1 76	09092-30060			NUT, ADAPTER LOCK	.	1	.	.						

65-02-06 GOVERNOR
(FOR Y2DT65DG)



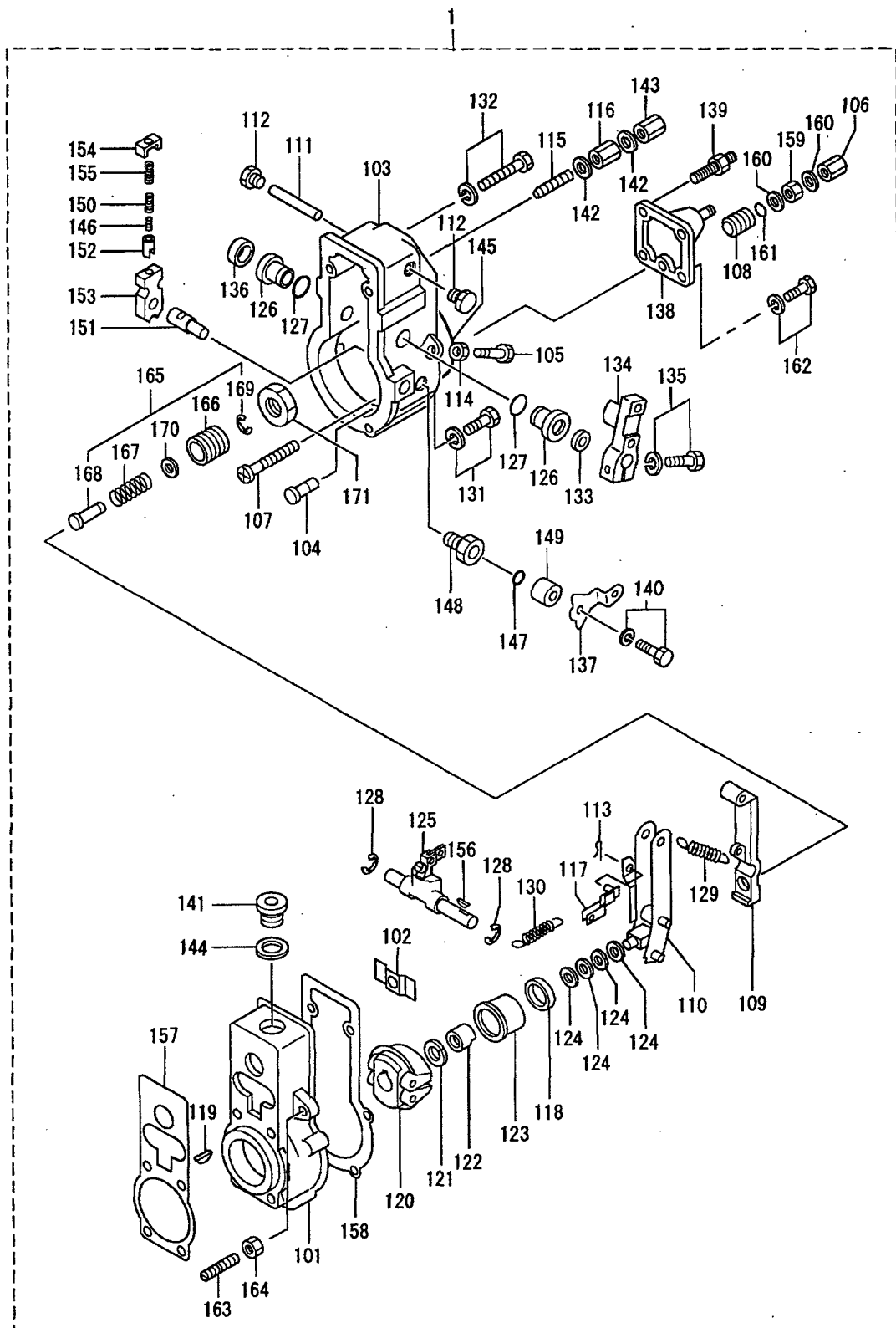
65-02-06 GOVERNOR
(FOR Y2DT65DG)

1:Y161DG
2:Y1DT61DG
3:Y2DT65DG
4:Y3DT65DG

-125-

REF. -NO.	PART NO.	R / P	S C E N P Q G	PART NAME & DESCRIPTION	MODEL & QTY						APPLICABLE SERIAL NO.		M / R	V R D
					1	2	3	4			FROM@-	-@UPTO		
1	*			GOVERNOR ASSY	.	.	1	.						
1 01	09081-00660			HOUSING, GOVERNOR	.	.	1	.						
1 02	09087-80030			PLATE	.	.	1	.						
1 03	09101-11670			COVER, GOVERNOR	.	.	1	.						
1 04	09101-40090			PIN, STOP	.	.	1	.						
1 05	09102-40031			SCREW, ADJUSTING	.	.	1	.						A
1 06	09103-10151			NUT, CAP	.	.	1	.						A
1 07	09100-60150			SCREW, ADJUSTING	.	.	1	.						
1 08	09094-40310			BUSHING	.	.	1	.						
1 09	09090-10150			LEVER, TENSION	.	.	1	.						
1 10	09093-00041			LEVER ASSY, CONTROL	.	.	1	.						
1 11	09098-90010			SHAFT, LEVER SUPPORT	.	.	1	.						
1 12	09099-10010			PLUG, SCREW	.	.	2	.						
1 13	90400-02101			PIN, SPLIT	.	.	1	.						A
1 14	94805-30051			NUT	.	.	1	.						
1 15	09056-00150			CAPSULE	.	.	1	.						
1 16	09092-30060			NUT, ADAPTER LOCK	.	.	1	.						
1 17	09097-00170			SHACKLE	.	.	1	.						
1 18	94910-00010			BEARING, BALL	.	.	1	.						A
1 19	94913-00050			KEY, WOODRUFF	.	.	1	.						
1 20	09084-00660			FLYWEIGHT ASSY	.	.	1	.						
1 21	94901-50500			WASHER, SPRING	.	.	1	.						A
1 22	09084-40010			NUT, ROUND	.	.	1	.						
1 23	09086-10010			SLEEVE, GOVERNOR	.	.	1	.						
1 24	94901-34060			WASHER, PLATE			AR	.						A
	94901-34070			WASHER, PLATE			AR	.						A
	94901-34080			WASHER, PLATE			AR	.						A
	94901-34090			WASHER, PLATE			AR	.						A
	94901-34100			WASHER, PLATE			AR	.						A
1 25	09088-00140			LEVER, SWIVELING	.	.	1	.						
1 26	09089-20080			BUSHING, LEVER	.	.	2	.						
1 27	90801-20160			O-RING	.	.	2	.						A
1 28	94907-10090			WASHER, SNAP	.	.	2	.						
1 29	09099-20410			SPRING, CONTROL	.	.	1	.						
1 30	09099-30010			SPRING, START	.	.	1	.						A
1 31	94904-71760			BOLT, W/WASHER	.	.	4	.						A
1 32	94904-71750			BOLT, W/WASHER	.	.	2	.						A
1 33	94915-00210			SEAL, OIL	.	.	1	.						A
1 34	09107-11930			LEVER, ADJUSTING	.	.	1	.						
1 35	94904-71190			BOLT, W/WASHER	.	.	1	.						A
1 36	09109-40060			CAP, LEVER	.	.	1	.						A
1 37	09109-01160			LEVER, STOP	.	.	1	.						A
1 38	09105-00491			PLATE, COVER	.	.	1	.						A
1 39	94904-32250			BOLT, STUD	.	.	2	.						A
1 40	91418-06161			BOLT, W/WASHER	.	.	1	.						A
1 41	09116-70050			PLUG, SCREW	.	.	1	.						
1 42	09024-10010			WASHER, NIPPLE	.	.	2	.						A
1 43	09103-10030			NUT, CAP	.	.	1	.						A
1 44	94901-81550			WASHER, COPPER PLATE	.	.	1	.						A
1 45	94906-21270			PACKING	.	.	1	.						A

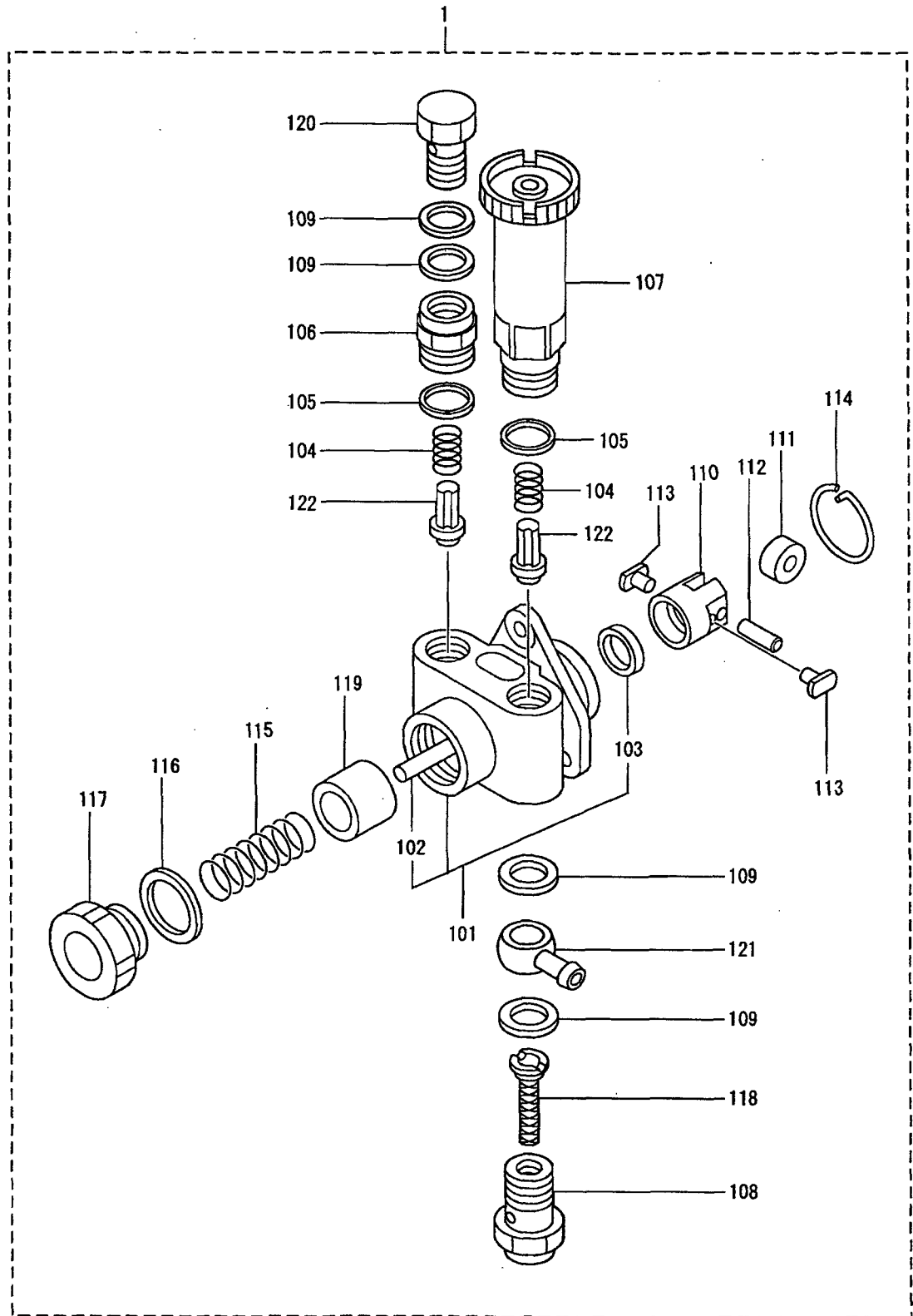
65-02-06 GOVERNOR
(FOR Y2DT65DG)



1:Y161DG
2:Y1DT61DG
3:Y2DT65DG
4:Y3DT65DG

[illegible]

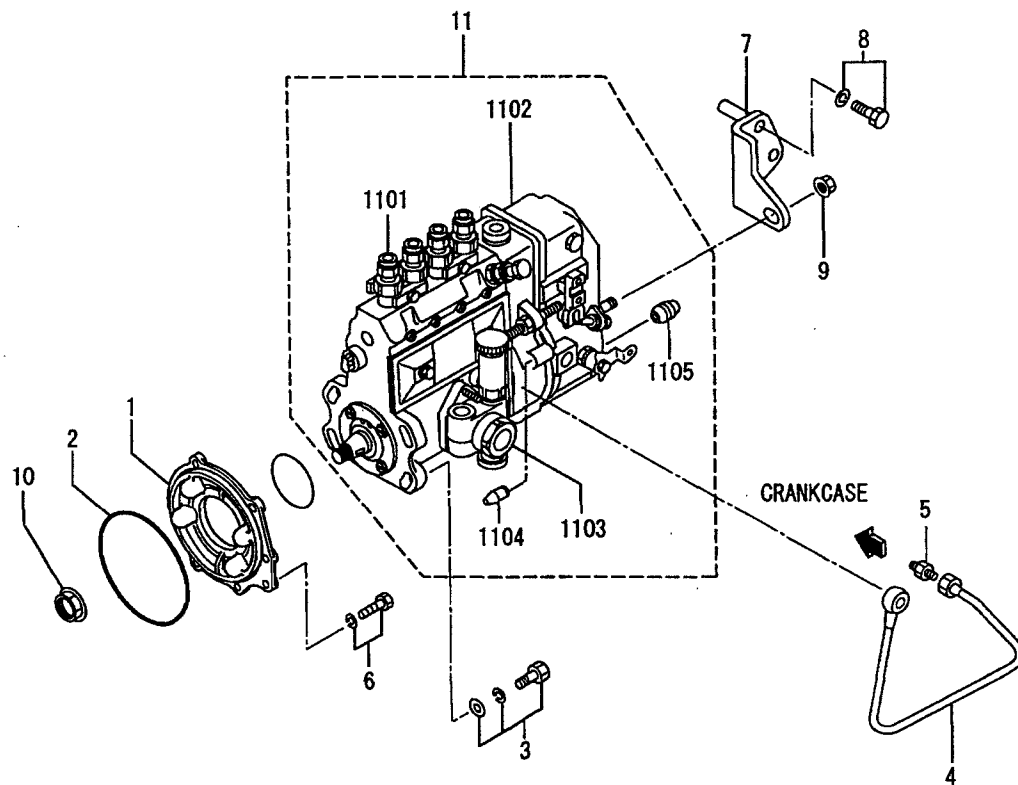
65-02-07 FEED PUMP
(FOR DT61DG,DT65DG)



1:Y161DG
2:Y1DT61DG
3:Y2DT65DG
4:Y3DT65DG

[illegible]

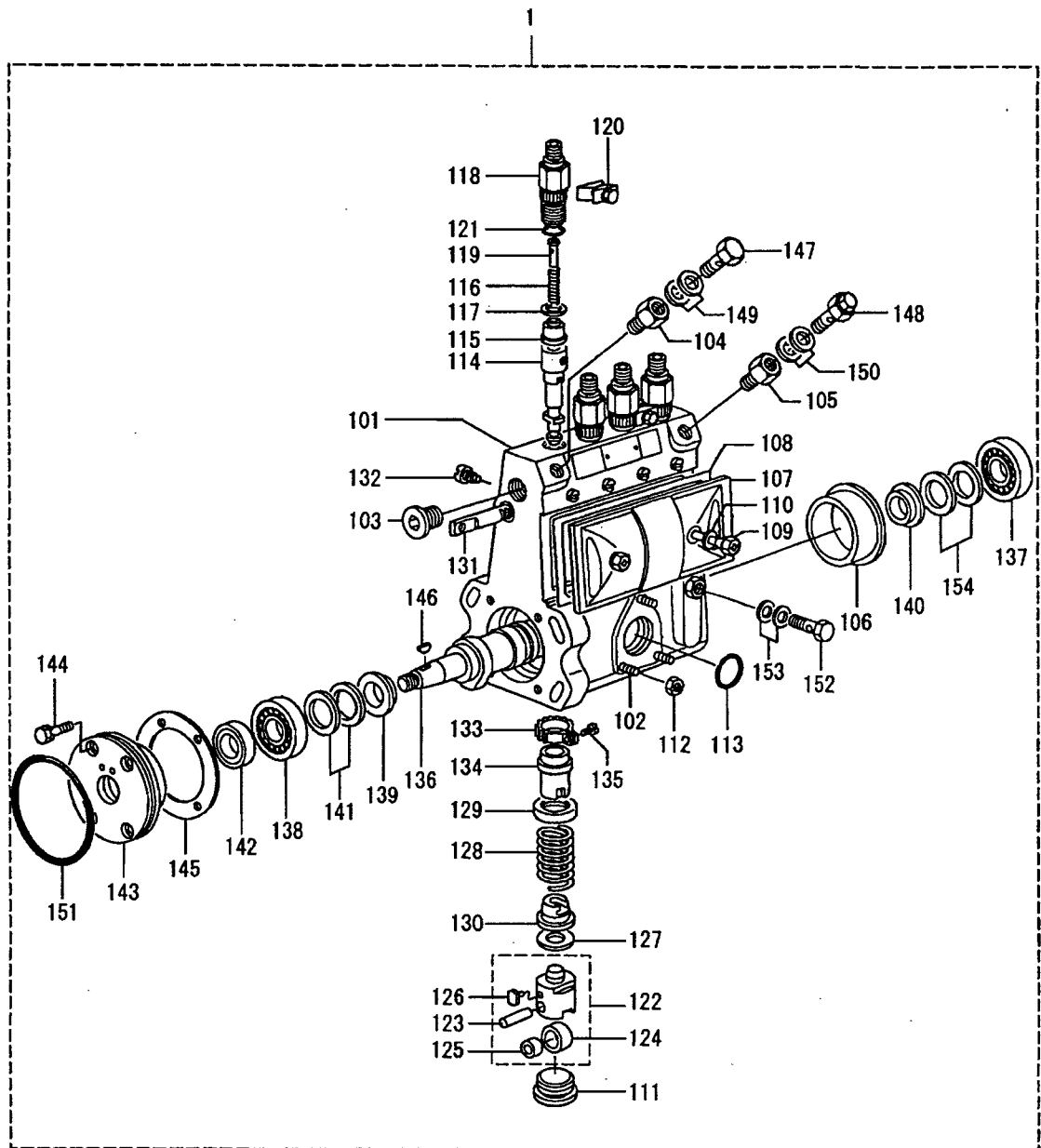
65-02-08 INJECTION PUMP
(FOR Y3DT65DG)



1:Y161DG
2:Y1DT61DG
3:Y2DT65DG
4:Y3DT65DG

[illegible]

65-02-09 INJECTION PUMP
(FOR Y3DT65DG)



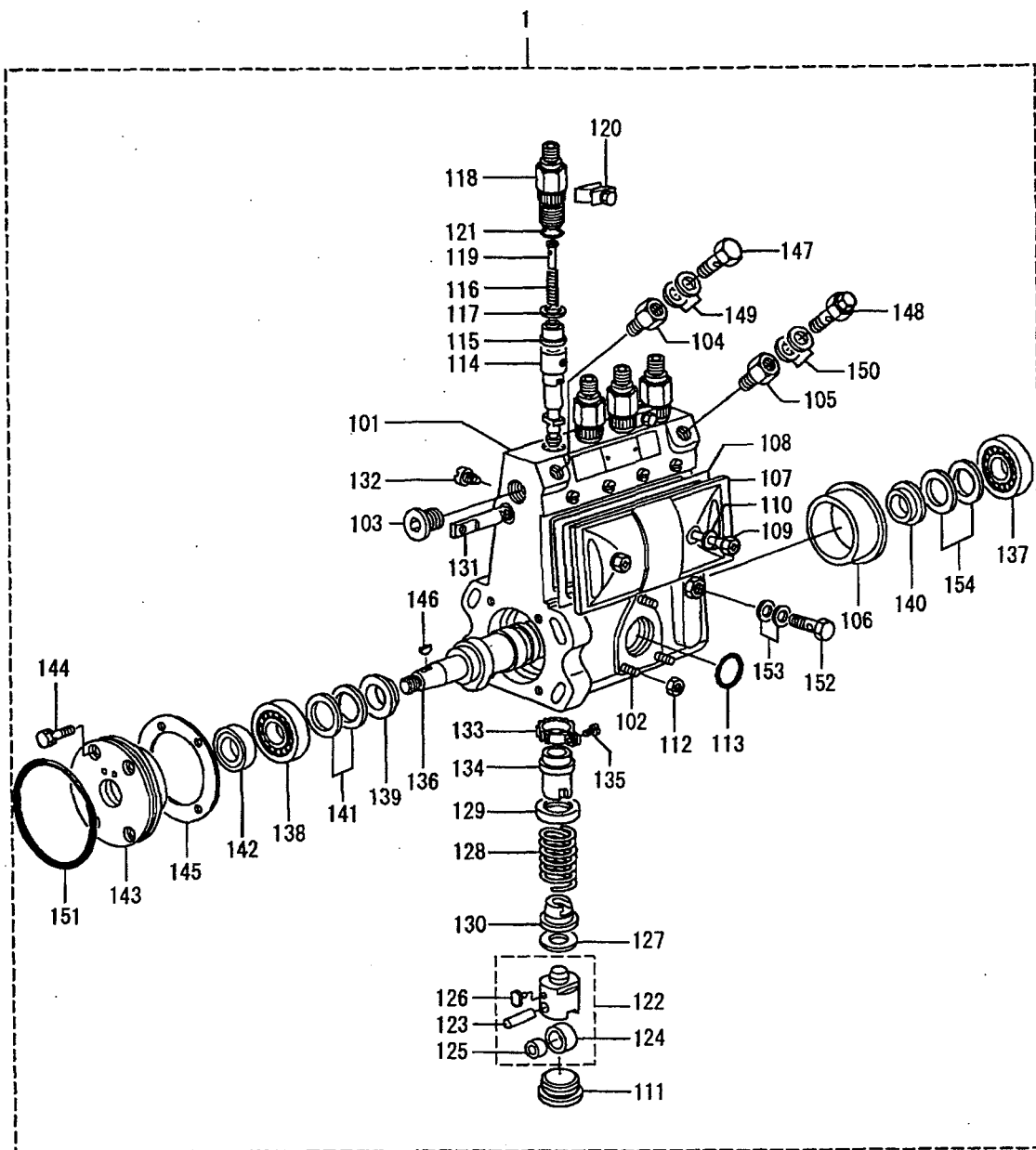
65-02-09 INJECTION PUMP
(FOR Y3DT65DG)

1:Y161DG
2:Y1DT61DG
3:Y2DT65DG
4:Y3DT65DG

-133-

REF. -NO.	PART NO.	R / P	S C E N E Q G	PART NAME & DESCRIPTION	MODEL & QTY					APPLICABLE SERIAL NO.		M / R	V R D
					1	2	3	4		FROM@-	-@UPTO		
1	*			PUMP ASSY, INJ	.	.	.	1					
1 01	131066-7620		A	HOUSING, PUMP	.	.	.	1		198491-			V
1 02	029040-6020		A	STUD	.	.	.	3		198491-			V
1 03	134026-0000		A	PLUG	.	.	.	1		198491-			V
1 04	131002-4700		A	ADAPTER	.	.	.	1		198491-			V
1 05	131002-4800		A	ADAPTER	.	.	.	1		198491-			V
1 06	131311-0000		A	RING	.	.	.	1		198491-			V
1 07	131028-6220		A	COVER	.	.	.	1		198491-			V
1 08	131011-1900		A	GASKET	.	.	.	1		198491-			V
1 09	131017-1000		A	SCREW	.	.	.	2		198491-			V
1 10	029340-6020		A	GASKET	.	.	.	2		198491-			V
1 11	131034-1501		A	PLUG	.	.	.	4		198491-			V
1 12	139206-0400		A	NUT	.	.	.	3		198491-			V
1 13	029633-1010		A	O-RING	.	.	.	1		198491-			V
1 14	131150-5520		A	PLUNGER ASSY	.	.	.	4		198491-			V
1 15	131110-8820		A	VALVE, DELIVERY	.	.	.	4		198491-			V
1 16	131112-5600		A	SPRING, D. V.	.	.	.	4		198491-			V
1 17	131115-1200		A	GASKET	.	.	.	4		198491-			V
1 18	131116-8220		A	HOLDER, D. V.	.	.	.	4		198491-			V
1 19	131117-3100		A	STOPPER	.	.	.	4		198491-			V
1 20	131122-0520		A	PLATE	.	.	.	2		198491-			V
1 25	029632-0070		A	O-RING	.	.	.	4		198491-			V
1 22	131200-2720		A	TAPPET	.	.	.	4		198491-			V
1 23	131203-0500		A	PIN	.	.	.	1		198491-			V
1 24	131204-1100		A	ROLLER	.	.	.	1		198491-			V
1 25	131205-0600		A	BUSH	.	.	.	1		198491-			V
1 26	131206-0700		A	GUIDE	.	.	.	1		198491-			V
1 27	029311-0020		A	SHIM	.	.	.	AR		198491-			V
	029311-0030		A	SHIM	.	.	.	AR		198491-			V
	029311-0040		A	SHIM	.	.	.	AR		198491-			V
	029311-0050		A	SHIM	.	.	.	AR		198491-			V
	029311-0060		A	SHIM	.	.	.	AR		198491-			V
	029311-0070		A	SHIM	.	.	.	AR		198491-			V
	029311-0080		A	SHIM	.	.	.	AR		198491-			V
	029311-0090		A	SHIM	.	.	.	AR		198491-			V
	029311-0110		A	SHIM	.	.	.	AR		198491-			V
	029311-0120		A	SHIM	.	.	.	AR		198491-			V
	029311-0130		A	SHIM	.	.	.	AR		198491-			V
	029311-0140		A	SHIM	.	.	.	AR		198491-			V
	029311-0270		A	SHIM	.	.	.	AR		198491-			V
	029311-0280		A	SHIM	.	.	.	AR		198491-			V
	029311-0290		A	SHIM	.	.	.	AR		198491-			V
	029311-0310		A	SHIM	.	.	.	AR		198491-			V
	029311-0320		A	SHIM	.	.	.	AR		198491-			V
	029311-0330		A	SHIM	.	.	.	AR		198491-			V
	029311-0340		A	SHIM	.	.	.	AR		198491-			V
	029311-0350		A	SHIM	.	.	.	AR		198491-			V
	029311-0490		A	SHIM	.	.	.	AR		198491-			V
	029311-0500		A	SHIM	.	.	.	AR		198491-			V
	029311-0580		A	SHIM	.	.	.	AR		198491-			V

65-02-09 INJECTION PUMP
(FOR Y3DT65DG)



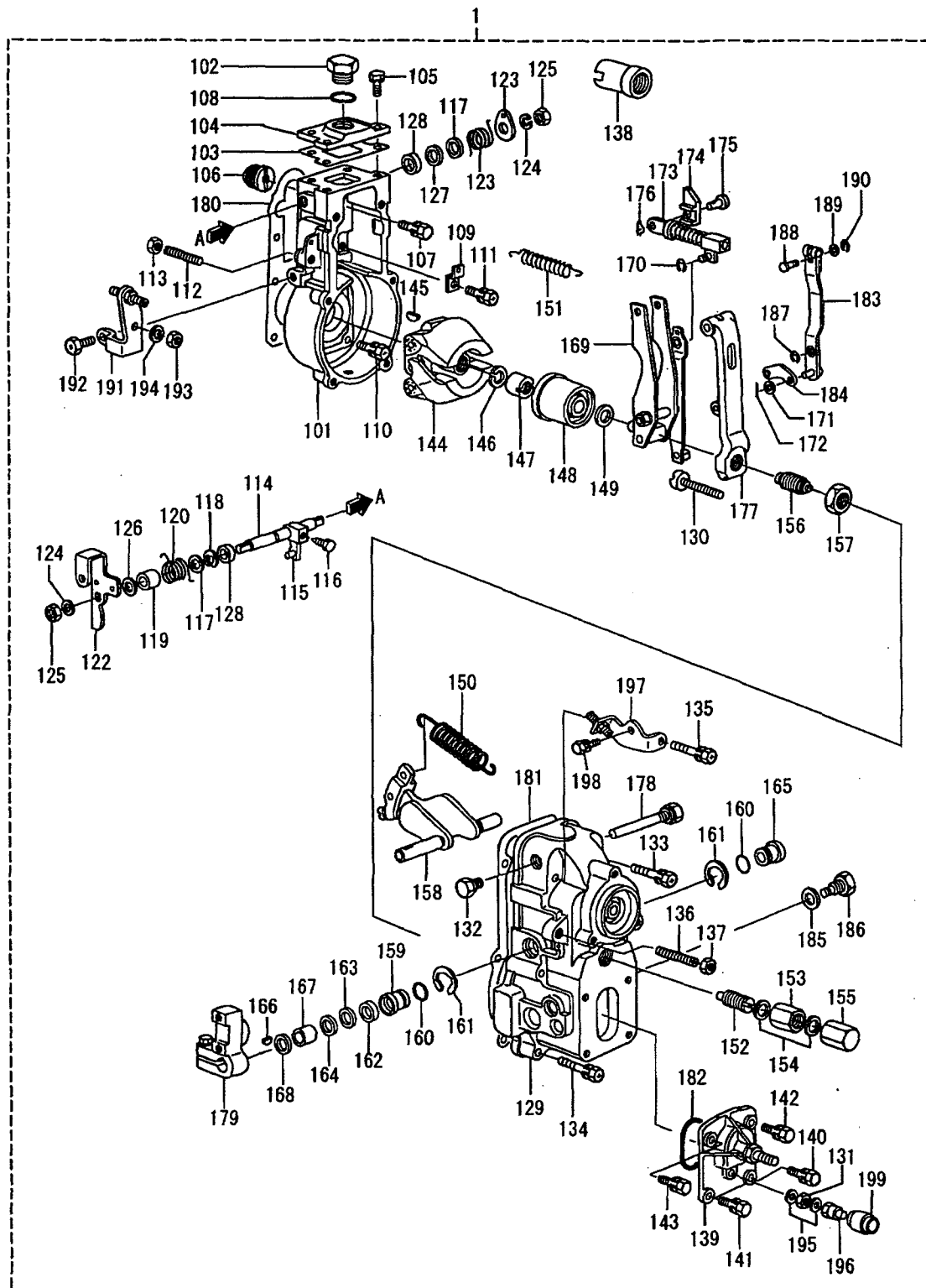
65-02-09 INJECTION PUMP
(FOR Y3DT65DG)

1:Y161DG
2:Y1DT61DG
3:Y2DT65DG
4:Y3DT65DG

-135-

REF. -NO.	PART NO.	R /P	S EN /P Q	C EN /P Q	PART NAME & DESCRIPTION	MODEL & QTY					APPLICABLE SERIAL NO.		M /R	V RD
						1	2	3	4		FROM@-	-@UPTO		
1 27	029311-0590		A	SHIM	T=0. 25	.	.	.	AR		198491-			V
	029311-0600		A	SHIM	T=0. 35	.	.	.	AR		198491-			V
	029311-0610		A	SHIM	T=0. 45	.	.	.	AR		198491-			V
	029311-0620		A	SHIM	T=1. 35	.	.	.	AR		198491-			V
	029311-0630		A	SHIM	T=1. 45	.	.	.	AR		198491-			V
	029311-0710		A	SHIM	T=1. 55	.	.	.	AR		198491-			V
1 28	131215-2100		A	PLUNGER, SPRING		.	.	.	4		198491-			V
1 29	131216-0400		A	SEAT, SPRING		.	.	.	4		198491-			V
1 30	131217-0600		A	SEAT, SPRING		.	.	.	4		198491-			V
1 31	131254-0000		A	RACK, CONTROL		.	.	.	1		198491-			V
1 32	131226-0300		A	SCREW		.	.	.	1		198491-			V
1 33	131240-0100		A	PINION		.	.	.	4		198491-			V
1 34	131241-0500		A	SLEEVE, CONTROL		.	.	.	4		198491-			V
1 35	131242-0100		A	SCREW		.	.	.	4		198491-			V
1 36	131366-1900		A	CAMSHAFT		.	.	.	1		198491-			V
1 37	016640-2030		A	BEARING		.	.	.	AR		198491-			V
	028202-0020		A	BEARING		.	.	.	AR		198491-			V
1 38	016640-2030		A	BEARING		.	.	.	AR		198491-			V
	028202-0020		A	BEARING		.	.	.	AR		198491-			V
1 39	131302-1301		A	RING		.	.	.	1		198491-			V
1 40	131302-1301		A	RING		.	.	.	1		198491-			V
1 41	029312-0310		A	SHIM	T=0. 10	.	.	.	AR		198491-			V
	029312-0320		A	SHIM	T=0. 12	.	.	.	AR		198491-			V
	029312-0330		A	SHIM	T=0. 14	.	.	.	AR		198491-			V
	029312-0340		A	SHIM	T=0. 16	.	.	.	AR		198491-			V
	029312-0350		A	SHIM	T=0. 18	.	.	.	AR		198491-			V
	029312-0360		A	SHIM	T=0. 30	.	.	.	AR		198491-			V
	029312-0370		A	SHIM	T=0. 50	.	.	.	AR		198491-			V
	029312-0380		A	SHIM	T=1. 00	.	.	.	AR		198491-			V
1 42	029622-0190		A	SEAL, OIL		.	.	.	1		198491-			V
1 43	131330-1800		A	COVER		.	.	.	1		198491-			V
1 44	020006-2040		A	BOLT		.	.	.	4		198491-			V
1 45	131321-1900		A	GASKET		.	.	.	1		198491-			V
1 46	029470-4030		A	KEY, WOODRUFF		.	.	.	1		198491-			V
1 47	139814-0900		A	BOLT, EYE		.	.	.	1		198491-			V
1 48	131424-5720		A	VALVE, OVER FLOW		.	.	.	1		198491-			V
1 49	029341-4130		A	GASKET		.	.	.	2		198491-			V
1 50	029341-2140		A	GASKET		.	.	.	2		198491-			V
1 51	029637-5020		A	O-RING		.	.	.	1		198491-			V
1 52	029731-0120		A	BOLT, EYE		.	.	.	1		198491-			V
1 53	026510-1340		A	GASKET		.	.	.	2		198491-			V
1 54	029312-0310		A	SHIM	T=0. 10	.	.	.	AR		198491-			V
	029312-0320		A	SHIM	T=0. 12	.	.	.	AR		198491-			V
	029312-0330		A	SHIM	T=0. 14	.	.	.	AR		198491-			V
	029312-0340		A	SHIM	T=0. 16	.	.	.	AR		198491-			V
	029312-0350		A	SHIM	T=0. 18	.	.	.	AR		198491-			V
	029312-0360		A	SHIM	T=0. 30	.	.	.	AR		198491-			V
	029312-0370		A	SHIM	T=0. 50	.	.	.	AR		198491-			V
	029312-0380		A	SHIM	T=1. 00	.	.	.	AR		198491-			V

65-02-10 GOVERNOR(PART-1)
(FOR Y3DT65DG)



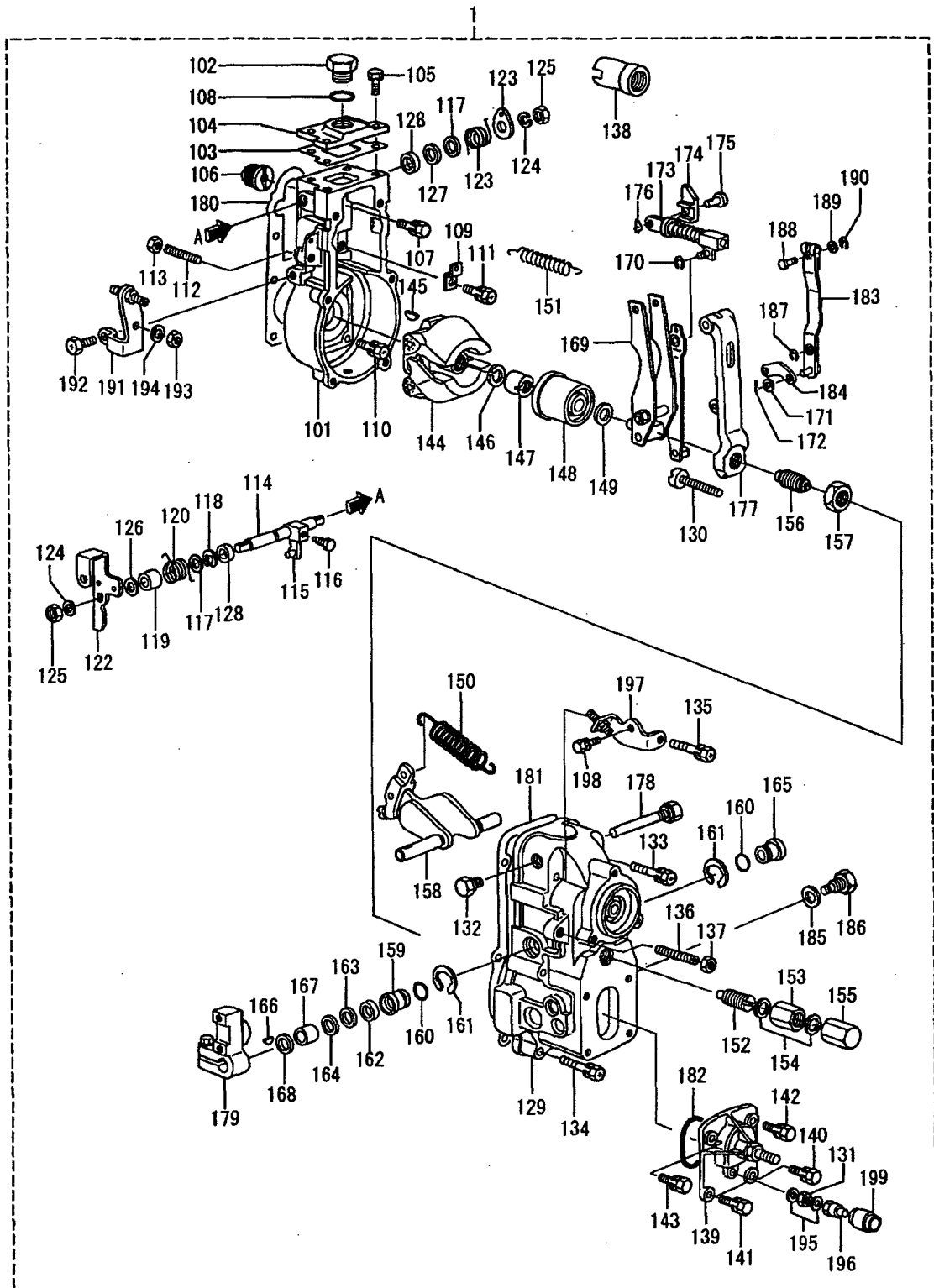
65-02-10 GOVERNOR(PART-1)
(FOR Y3DT65DG)

1:Y161DG
2:Y1DT61DG
3:Y2DT65DG
4:Y3DT65DG

-137-

REF. -NO.	PART NO.	R / P	S C E N G G	PART NAME & DESCRIPTION	MODEL & QTY					APPLICABLE SERIAL NO.		M / R	V R D
					1	2	3	4		FROM@-	-@UPTO		
1	*			GOVERNOR	.	.	.	1					
1 01	154004-7620		A	HOUSING, GOV	.	.	.	1		198491-			V
1 02	154007-2900		A	PLUG	.	.	.	1		198491-			V
1 03	154390-2000		A	GASKET	.	.	.	1		198491-			V
1 04	154064-4500		A	COVER	.	.	.	1		198491-			V
1 05	020006-1640		A	BOLT	.	.	.	4		198491-			V
1 06	154007-0200		A	ADAPTER	.	.	.	1		198491-			V
1 07	020018-1840		A	BOLT	.	.	.	1		198491-			V
1 08	029632-5070		A	O-RING	.	.	.	1		198491-			V
1 09	154350-1800		A	PLATE	.	.	.	1		198491-			V
1 10	029010-6810		A	BOLT	.	.	.	5		198491-			V
1 11	020106-1640		A	BOLT	.	.	.	1		198491-			V
1 12	154013-5000		A	SCREW	.	.	.	1		198491-			V
1 13	154011-0100		A	NUT, LOCK	.	.	.	1		198491-			V
1 14	155004-5300		A	SHAFT	.	.	.	1		198491-			V
1 15	155003-2620		A	LEVER	.	.	.	1		198491-			V
1 16	155006-0700		A	BOLT	.	.	.	1		198491-			V
1 17	139408-1000		A	SHIM	.	.	.	AR		198491-			V
	139408-1300		A	SHIM	.	.	.	AR		198491-			V
1 18	159238-4200		A	RING, SNAP	.	.	.	1		198491-			V
1 19	154206-5200		A	COLLAR	.	.	.	2		198491-			V
1 20	154328-1600		A	SPRING	.	.	.	1		198491-			V
1 21	154328-1700		A	SPRING	.	.	.	1		198491-			V
1 22	154382-7200		A	LEVER	.	.	.	1		198491-			V
1 23	154383-5800		A	PLATE	.	.	.	1		198491-			V
1 24	014110-8440		A	WASHER, SPRING	.	.	.	2		198491-			V
1 25	013020-8040		A	NUT	.	.	.	2		198491-			V
1 26	154375-8900		A	WASHER	.	.	.	2		198491-			V
1 27	139408-1400		A	SHIM	.	.	.	AR		198491-			V
	139408-1500		A	SHIM	.	.	.	AR		198491-			V
1 28	029620-8050		A	SEAL, OIL	.	.	.	2		198491-			V
1 29	154022-7720		A	COVER, GOVERNOR	.	.	.	1		198491-			V
1 30	154031-4800		A	SCREW	.	.	.	1		198491-			V
1 31	139208-0400		A	NUT	.	.	.	1		198491-			V
1 32	154036-1200		A	PLUG	.	.	.	1		198491-			V
1 33	139006-7100		A	BOLT	.	.	.	1		198491-			V
1 34	020106-5040		A	BOLT	.	.	.	4		198491-			V
1 35	020106-5040		A	BOLT	.	.	.	1		198491-			V
1 36	154010-0100		A	SCREW	.	.	.	1		198491-			V
1 37	154011-4900		A	NUT	.	.	.	1		198491-			V
1 38	154050-6120		A	LIMITER	.	.	.	1		198491-			V
1 39	154063-6720		A	COVER	.	.	.	1		198491-			V
1 40	020006-1640		A	BOLT	.	.	.	1		198491-			V
1 41	020006-1640		A	BOLT	.	.	.	1		198491-			V
1 42	020006-1640		A	BOLT	.	.	.	1		198491-			V
1 43	020006-1640		A	BOLT	.	.	.	1		198491-			V
1 44	154101-0120		A	FLYWEIGHT	.	.	.	1		198491-			V
1 45	025803-1610		A	KEY, WOODRUFF	.	.	.	1		198491-			V
1 46	029321-2020		A	WASHER, SPRING	.	.	.	1		198491-			V
1 47	029231-2030		A	NUT	.	.	.	1		198491-			V

65-02-10 GOVERNOR(PART-1)
(FOR Y3DT65DG)



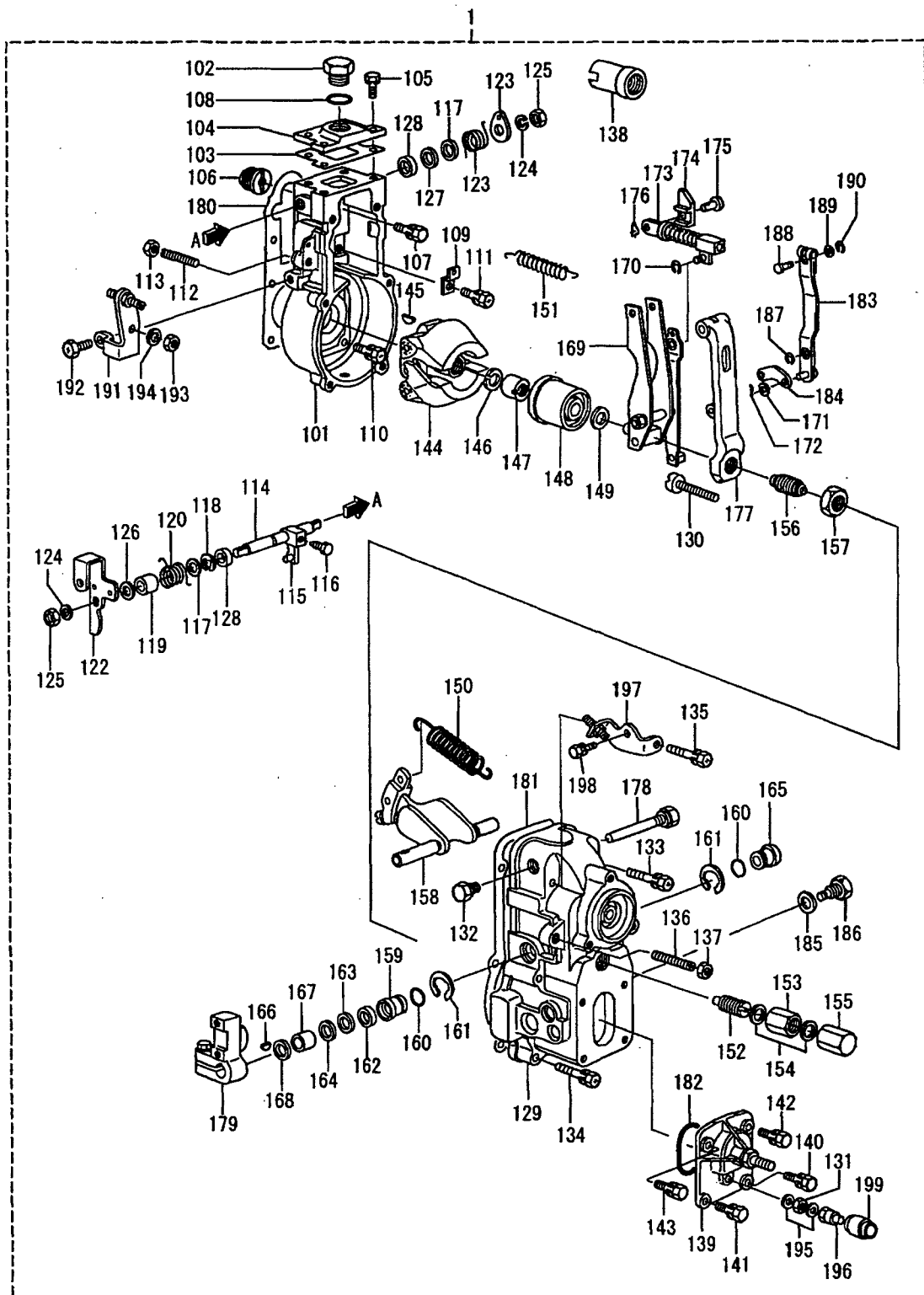
65-02-10 GOVERNOR(PART-1)
(FOR Y3DT65DG)

1:Y181DG
2:Y1DT61DG
3:Y2DT65DG
4:Y3DT65DG

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REF. -NO.	PART NO.	R / P	S C E N G Q G	PART NAME & DESCRIPTION	MODEL & QTY						APPLICABLE SERIAL NO.		M / R	V R D
					1	2	3	4			FROM@-	-@UPTO		
1 48	154123-2320		A	SLEEVE	.	.	.	1			198491-			V
1 49	029311-0010		A	SHIM	.	.	.	AR			198491-			V
	029311-0180		A	SHIM	.	.	.	AR			198491-			V
	029311-0190		A	SHIM	.	.	.	AR			198491-			V
	029311-0210		A	SHIM	.	.	.	AR			198491-			V
	139410-0000		A	SHIM	.	.	.	AR			198491-			V
	139410-0100		A	SHIM	.	.	.	AR			198491-			V
	139410-3000		A	SHIM	.	.	.	AR			198491-			V
	139410-3100		A	SHIM	.	.	.	AR			198491-			V
	139410-3200		A	SHIM	.	.	.	AR			198491-			V
1 50	154150-6400		A	SPRING, GOVERNOR	.	.	.	1			198491-			V
1 51	154154-0701		A	SPRING	.	.	.	1			198491-			V
1 52	154158-0820		A	CAPSULE, SPRING	.	.	.	1			198491-			V
1 53	029201-2290		A	NUT	.	.	.	1			198491-			V
1 54	026512-1540		A	GASKET	.	.	.	2			198491-			V
1 55	154159-1200		A	NUT, CAP	.	.	.	1			198491-			V
1 56	154177-4420		A	CAPSULE, SPRING	.	.	.	1			198491-			V
1 57	029201-6010		A	NUT	.	.	.	1			198491-			V
1 58	154200-8220		A	LEVER, SWIVEL	.	.	.	1			198491-			V
1 59	154204-4300		A	BUSH	.	.	.	1			198491-			V
1 60	029631-8020		A	O-RING	.	.	.	2			198491-			V
1 61	016010-1640		A	RING, SNAP	.	.	.	2			198491-			V
1 62	139611-0000		A	SEAL, OIL	.	.	.	1			198491-			V
1 63	139411-0000		A	SHIM	.	.	.	1			198491-			V
1 64	029311-1070		A	SHIM	.	.	.	AR			198491-			V
1 65	154204-4400		A	BUSH	.	.	.	1			198491-			V
1 66	025803-1310		A	KEY, WHODRUFF	.	.	.	1			198491-			V
1 67	154206-2800		A	COLLAR	.	.	.	1			198491-			V
1 68	154206-0200		A	WASHER	.	.	.	AR			198491-			V
1 69	154217-0320		A	GUIDE LEVER ASSY	.	.	.	1			198491-			V
1 70	016010-0540		A	RING, SNAP	.	.	.	1			198491-			V
1 71	029310-5170		A	SHIM	.	.	.	3			198491-			V
1 72	025520-1210		A	PIN, SPLIT	.	.	.	2			198491-			V
1 73	154235-4720		A	LINK	.	.	.	1			198491-			V
1 74	154232-3100		A	CONNECTOR	.	.	.	1			198491-			V
1 75	154222-5800		A	PIN	.	.	.	1			198491-			V
1 76	155402-3800		A	PIN, SNAP	.	.	.	1			198491-			V
1 77	154239-5920		A	LEVER, TENSION	.	.	.	1			198491-			V
1 78	154237-1100		A	PIN	.	.	.	1			198491-			V
1 79	154340-0020		A	LEVER	.	.	.	1			198491-			V
1 80	154390-1300		A	GASKET	.	.	.	1			198491-			V
1 81	154390-0300		A	GASKET	.	.	.	1			198491-			V
1 82	029635-2020		A	O-RING	.	.	.	1			198491-			V
1 83	154401-0220		A	LEVER	.	.	.	1			198491-			V
1 84	154401-1320		A	LINK	.	.	.	1			198491-			V
1 85	026510-1440		A	GASKET	.	.	.	1			198491-			V
1 86	154401-2100		A	BOLT	.	.	.	1			198491-			V
1 87	016010-0540		A	RING, SNAP	.	.	.	1			198491-			V
1 88	154222-6200		A	PIN	.	.	.	1			198491-			V
1 89	029300-4010		A	WASHER	.	.	.	1			198491-			V

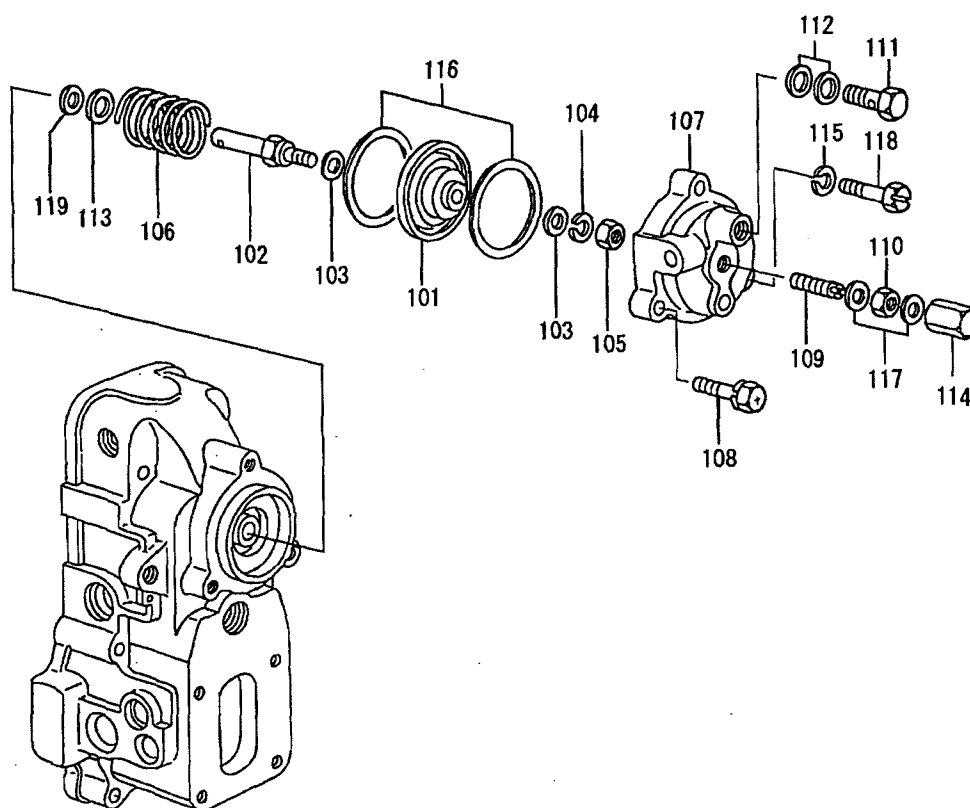
65-02-10 GOVERNOR(PART-1)
(FOR Y3DT65DG)



1:Y161DG
2:Y1DT61DG
3:Y2DT85DG
4:Y3DT65DG

[illegible]

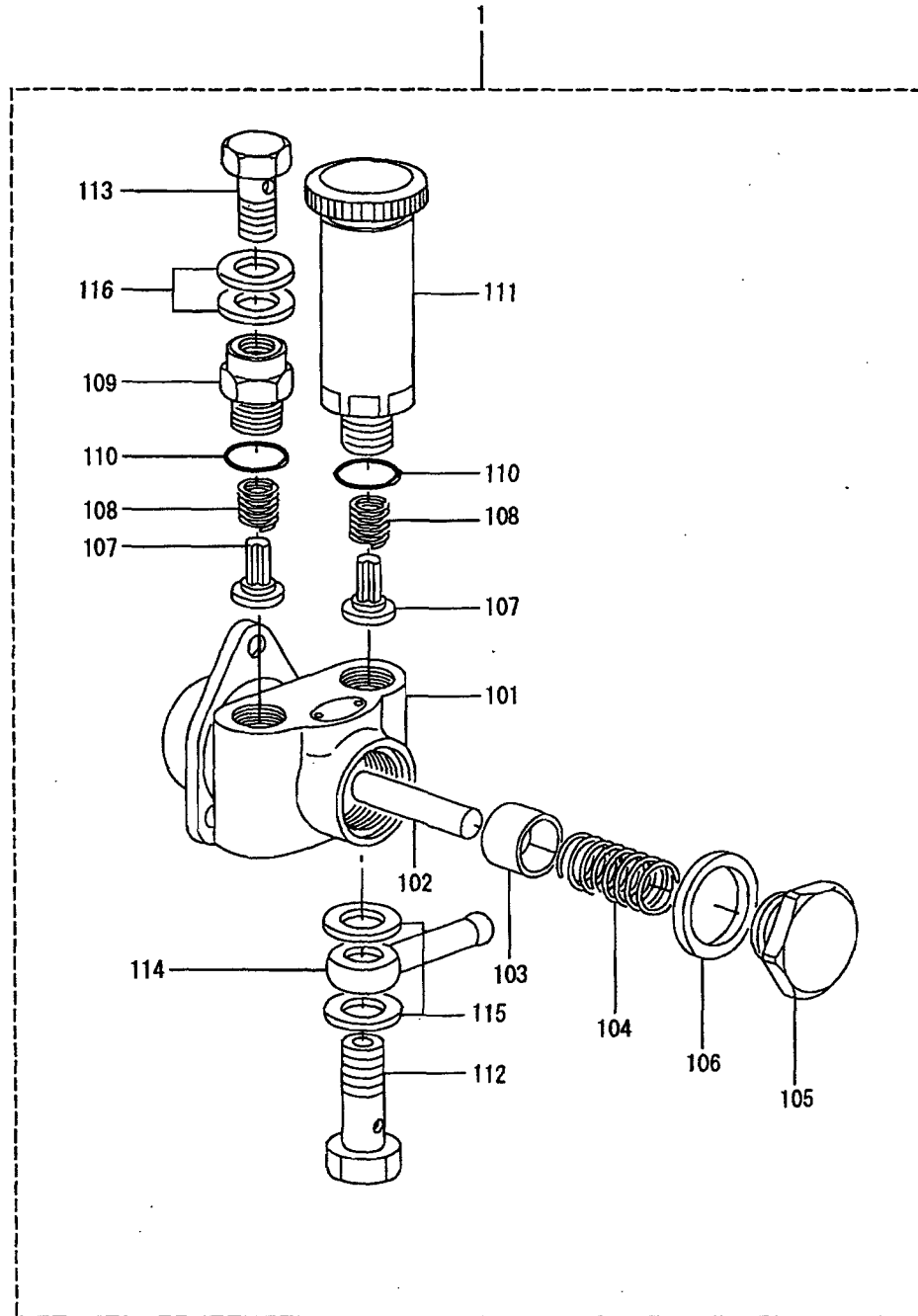
65-02-11 GOVERNOR(PART-2)
(FOR Y3DT65DG)



1:Y161DG
2:Y1DT61DG
3:Y2DT65DG
4:Y3DT65DG

[illegible]

65-02-12 FEED PUMP
(FOR Y3DT65DG)

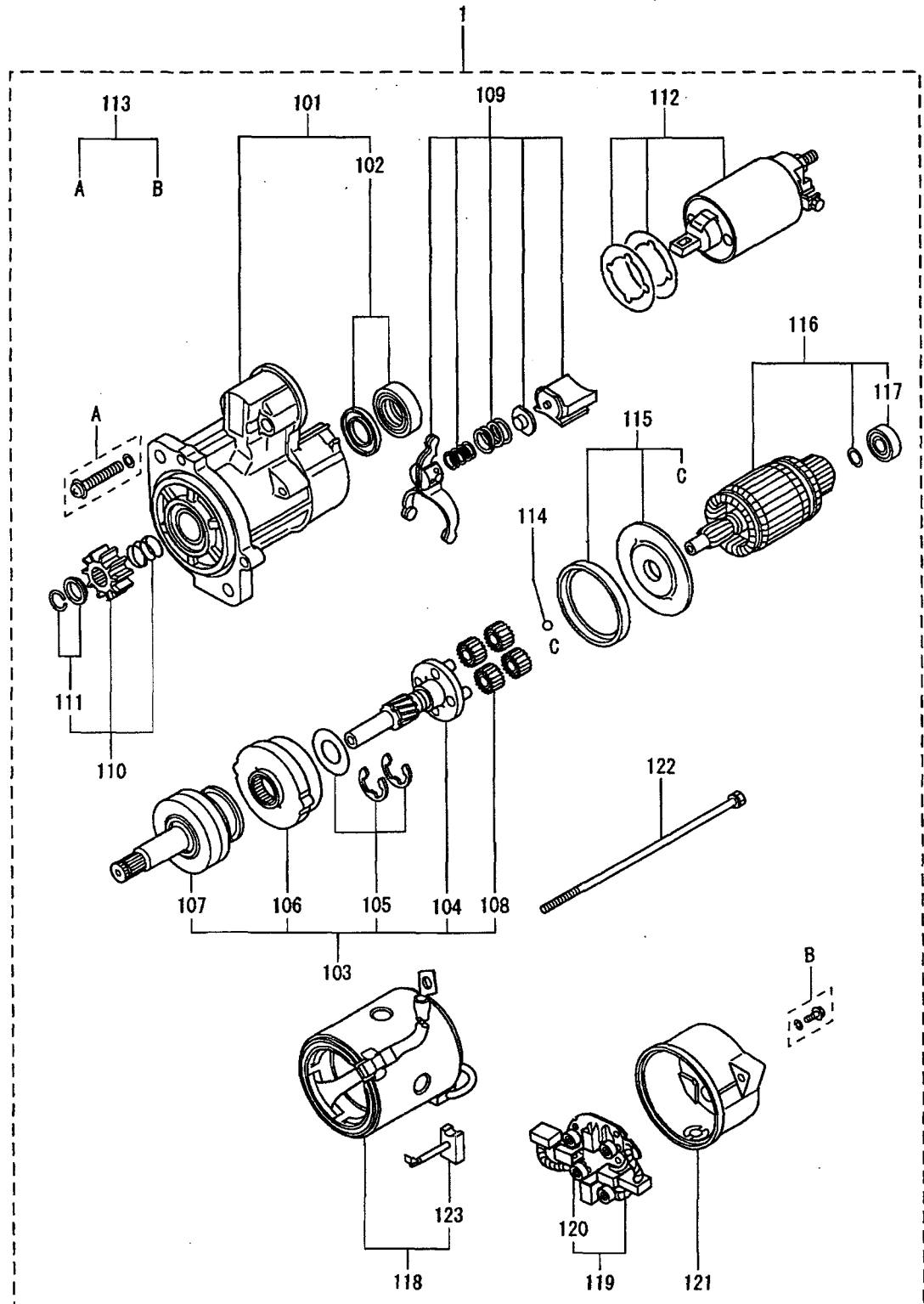


65-02-12 FEED PUMP
(FOR Y3DT65DG)

1:Y161DG
2:Y1DT61DG
3:Y2DT65DG
4:Y3DT65DG

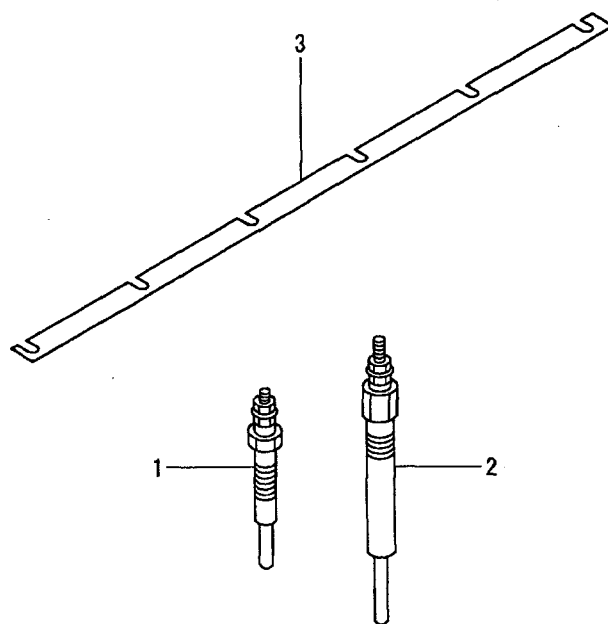
-145-

REF. -NO.	PART NO.	R / P	S C E N Q G	PART NAME & DESCRIPTION	MODEL & QTY						APPLICABLE SERIAL NO.		M / R	V R D
					1	2	3	4			FROM-	-@UPTO		
1	*			A FEED PUMP ASSY	.	.	.	1						
1 01	152062-0020			A HOUSING, FEED PUMP	.	.	.	1			198491-			V
1 02	152030-0300			A PUSH ROD	.	.	.	1			198491-			V
1 03	152100-2301			A PISTON	.	.	.	1			198491-			V
1 04	152102-0400			A SPRING, PISTON	.	.	.	1			198491-			V
1 05	152105-1500			A PLUG	.	.	.	1			198491-			V
1 06	139526-0000			A GASKET	.	.	.	1			198491-			V
1 07	152115-0500			A VALVE	.	.	.	2			198491-			V
1 08	152116-0200			A SPRING	.	.	.	2			198491-			V
1 09	152118-0900			A ADAPTER	.	.	.	1			198491-			V
1 10	029631-6060			A O-RING	.	.	.	2			198491-			V
1 11	152200-6721			A PUMP, PRIMING	.	.	.	1			198491-			V
1 12	152300-6920			A BOLT, EYE	.	.	.	1			198491-			V
1 13	139814-0900			A BOLT, EYE	.	.	.	1			198491-			V
1 14	139814-0600			A EYE	.	.	.	1			198491-			V
1 15	029341-4130			A GASKET	.	.	.	2			198491-			V
1 16	029341-4130			A GASKET	.	.	.	2			198491-			V



PART WITHOUT REF. NO. WILL NOT BE SUPPLIED.

[illegible]

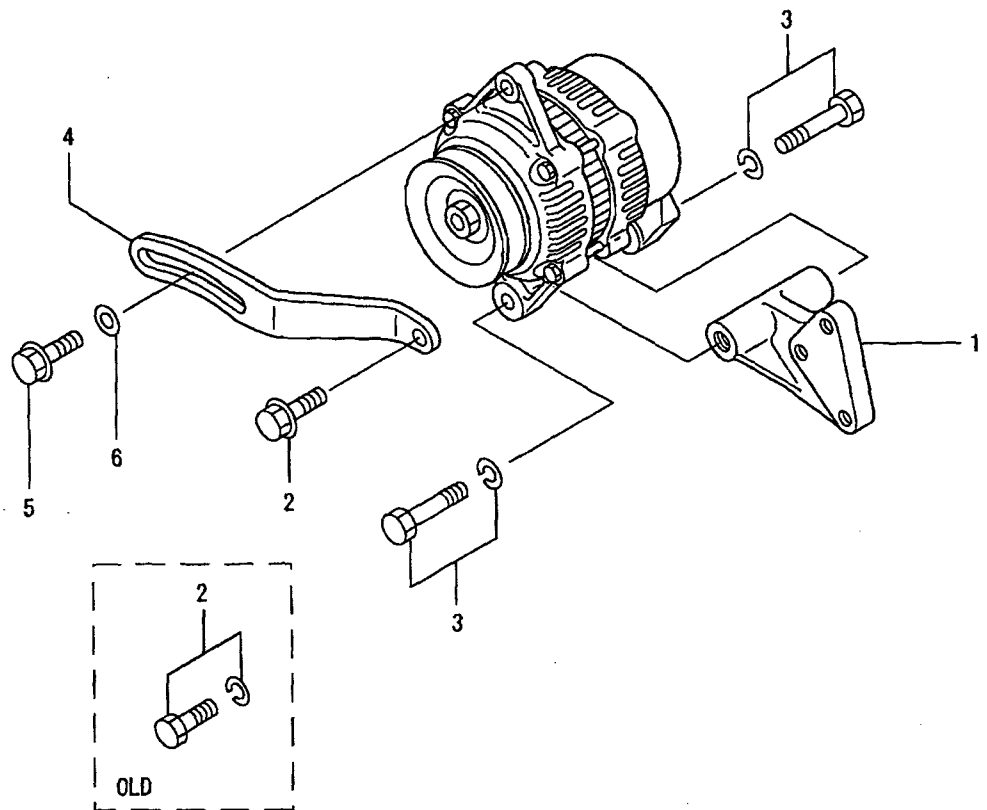


GLOW PLUG & WIRE

-149-

615MA8-02

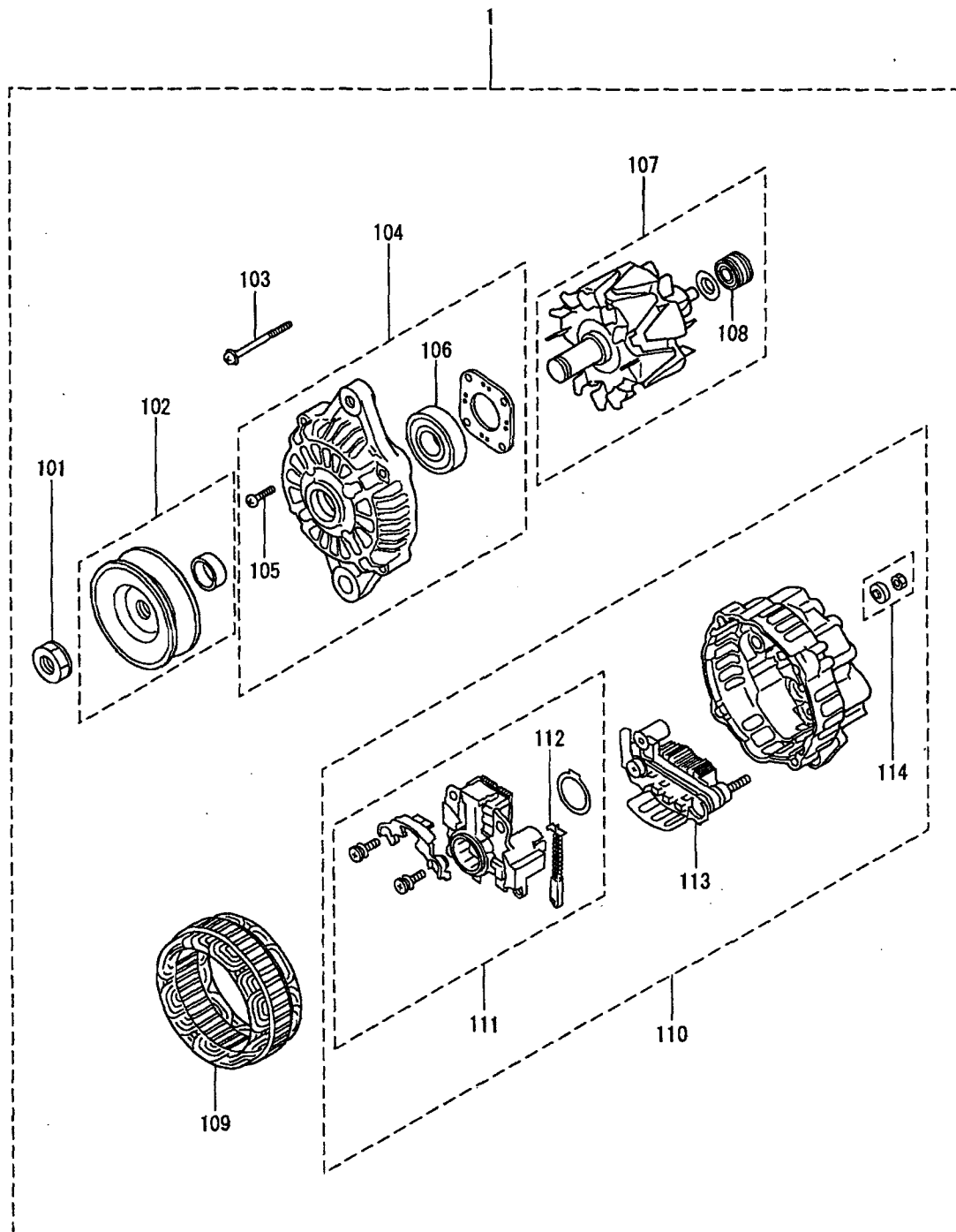
68-00-01 ALTERNATOR



1:Y161DG
2:Y1DT61DG
3:Y2DT65DG
4:Y3DT65DG

[illegible]

68-00-02 ALTERNATOR(12V-50A)
(FOR 61DG,DT61DG)

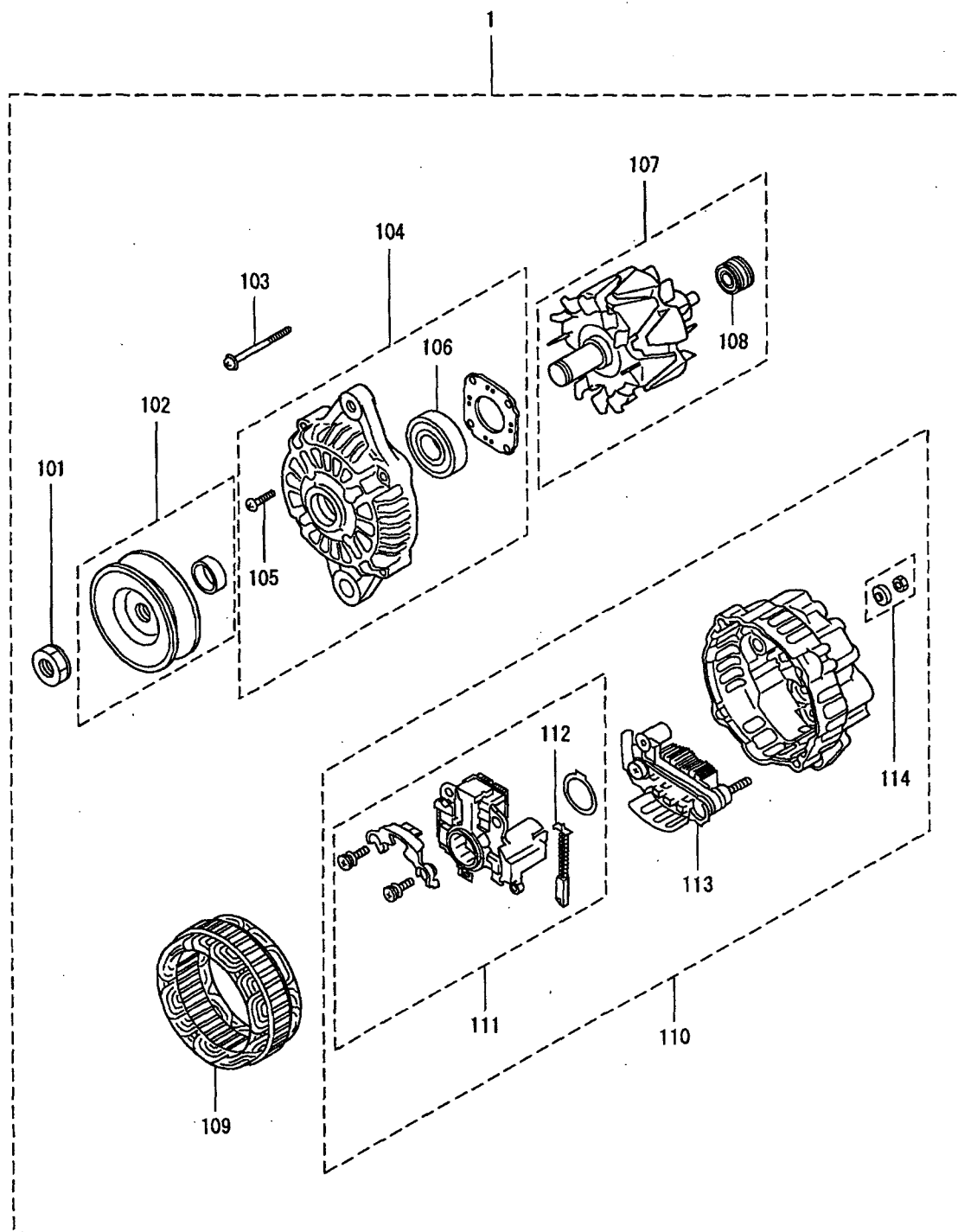


PART WITHOUT REF. NO. WILL NOT BE SUPPLIED.

1:Y161DG
2:Y1DT61DG
3:Y2DT65DG
4:Y3DT65DG

[illegible]

68-00-03 ALTERNATOR(12V-75A)
(FOR DT65DG)

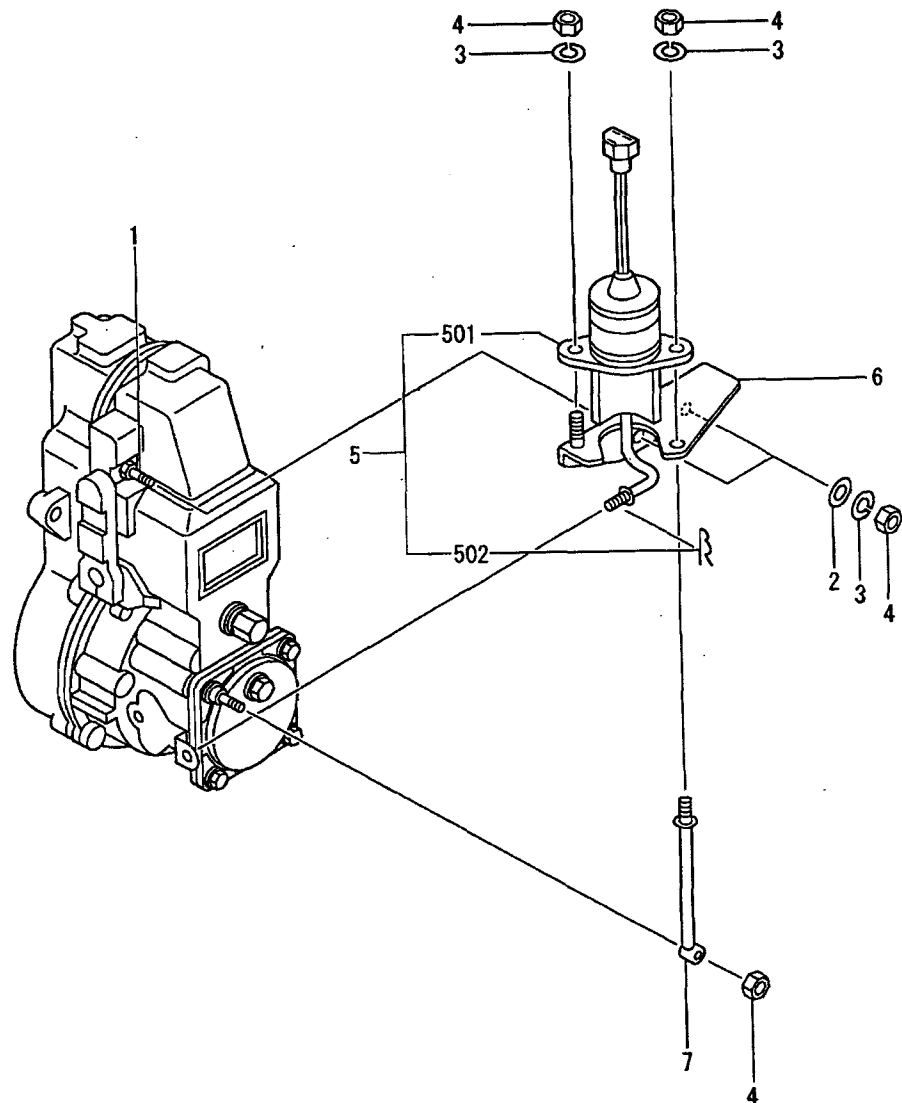


PART WITHOUT REF. NO. WILL NOT BE SUPPLIED.

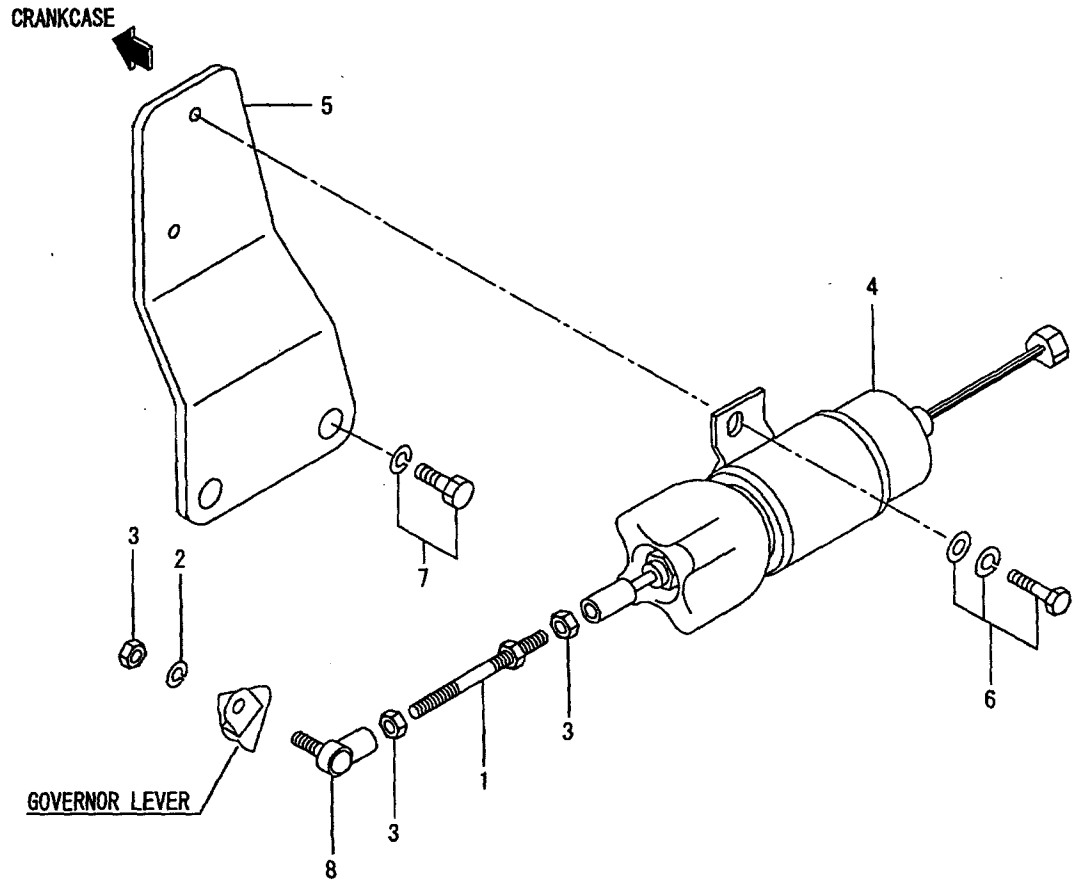
1:Y161DG
2:Y1DT61DG
3:Y2DT65DG
4:Y3DT65DG

[illegible]

ENGINE CONTROL
(FOR Y2DT65DG)



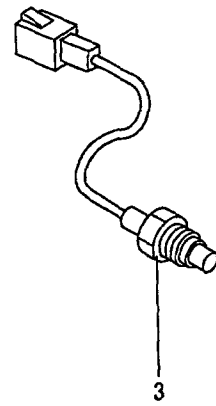
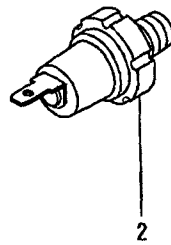
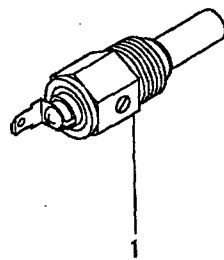
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ENGINE CONTROL (FOR Y3DT65DG)

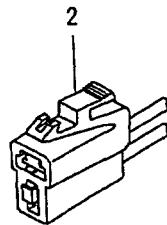
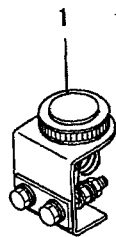
1:Y161DG
2:Y1DT61DG
3:Y2DT65DG
4:Y3DT65DG

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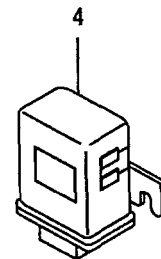
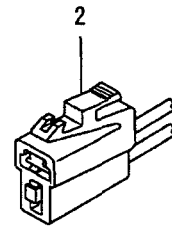
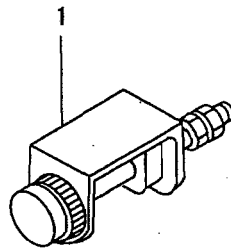


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ACCESSORY
(FOR 61DG)



[illegible]



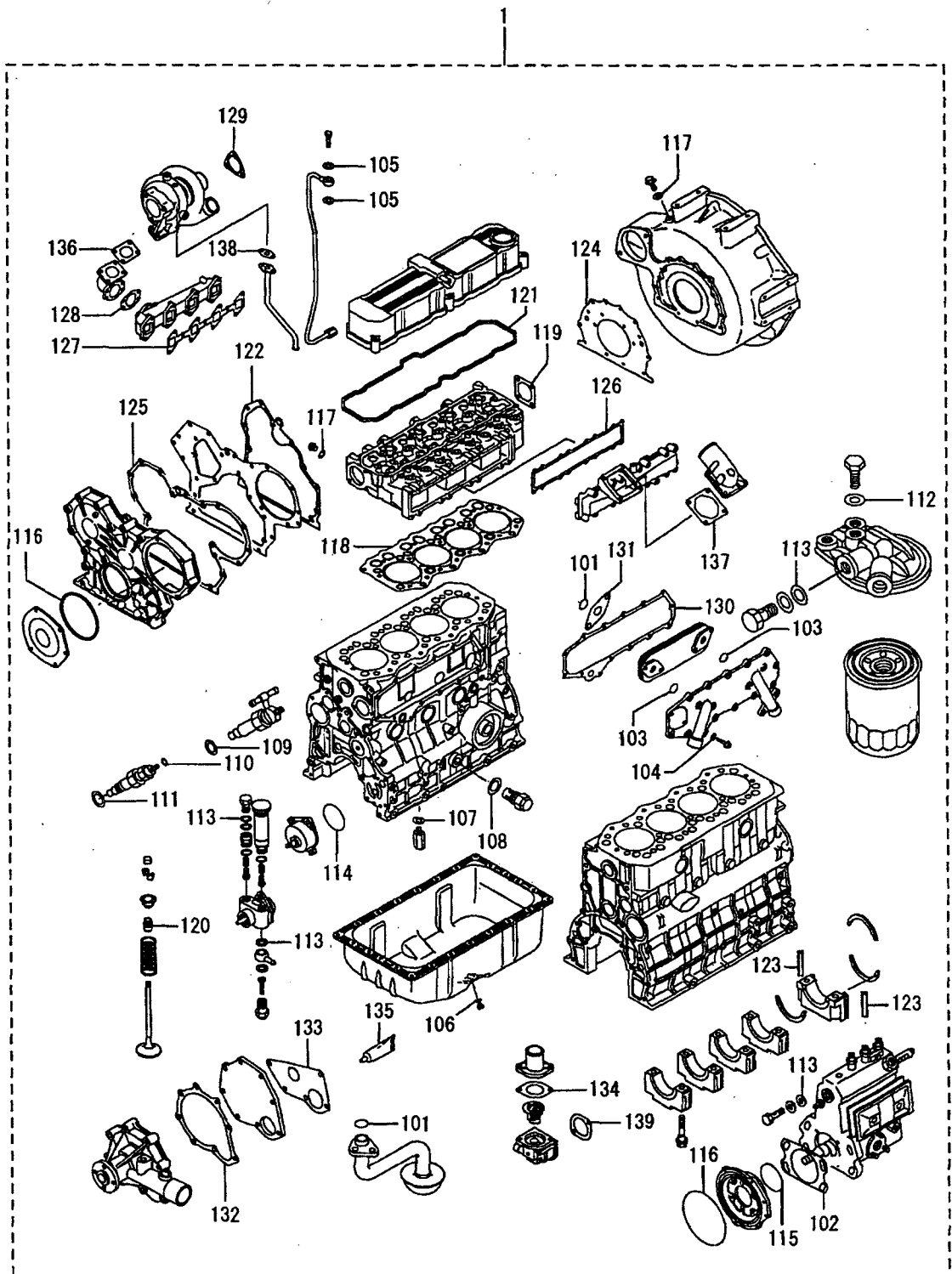
ACCESSORY
(FOR DT61DG,DT65DG)

1:Y161DG
2:Y1DT61DG
3:Y2DT65DG
4:Y3DT65DG

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[illegible]

94-00-01 OVERHAUL GASKET KIT



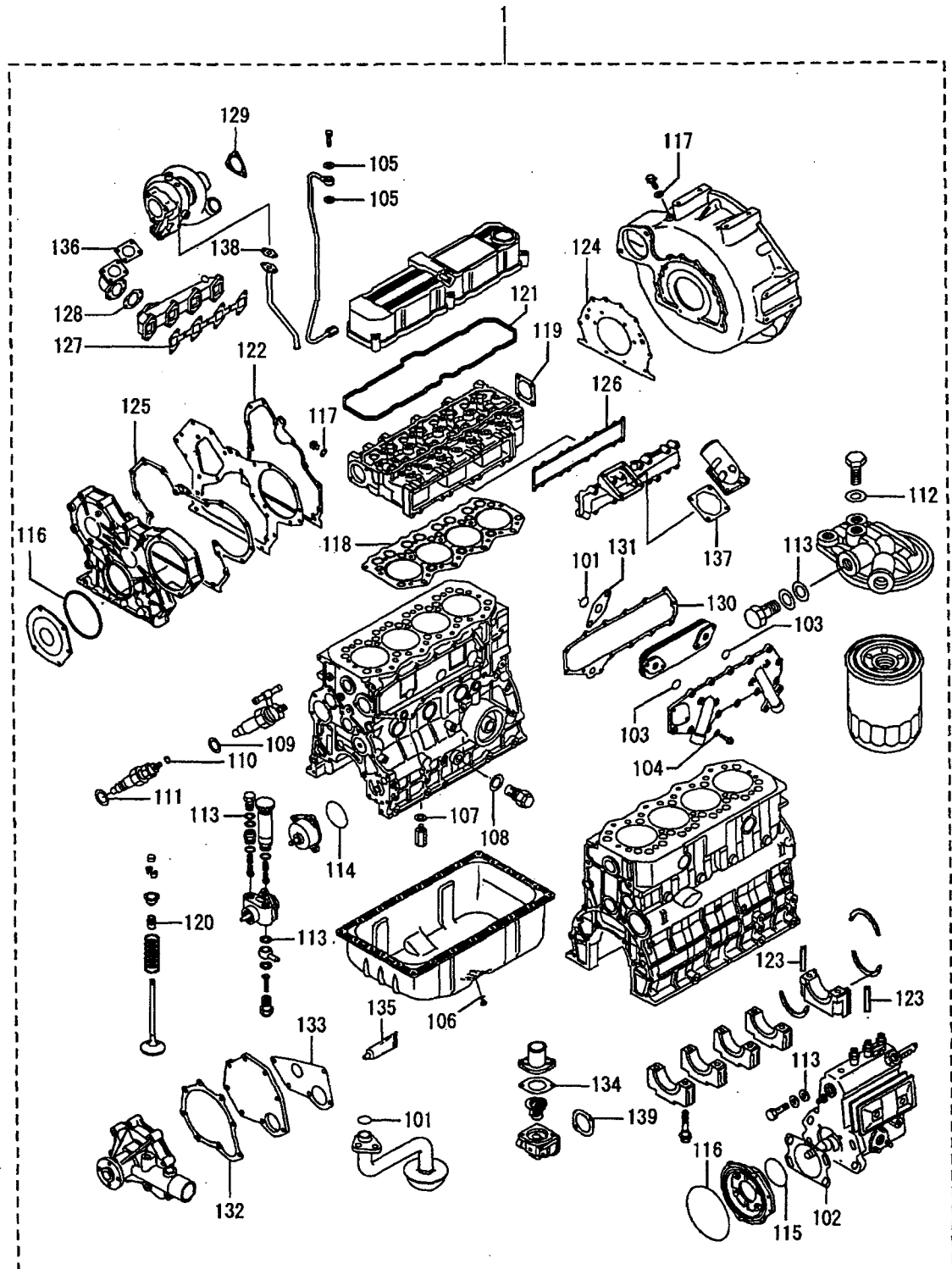
94-00-01 OVERHAUL GASKET KIT

1:Y161DG
2:Y1DT61DG
3:Y2DT65DG
4:Y3DT65DG

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					1	2	3	4			FROM-	-@UPTO		
1	32A94-00040		C	GASKET KIT, OVERHAUL	E0-00	1	1	-	-			@180045		
	32A94-10040	3	1	GASKET KIT, OVERHAUL	E0-01	1	1	1	1					
1 01	F3150-02000			O-RING		3	3	3	3				A	
1 02	30661-51300			GASKET		1	1	1	1				A	
1 03	F3156-02500			O-RING		2	2	2	2				A	
1 04	F4202-08000			GASKET		4	4	4	4				A	
1 05	F4202-10000			GASKET		2	2	2	2				A	
1 06	F4202-14000			GASKET		1	1	1	1				A	
1 07	F4202-18000			GASKET		2	2	2	2				A	
1 08	34340-00700			GASKET		1	1	1	1				A	
1 09	MM432045			GASKET, NOZZLE HOLDER		4	4	4	4				A	
1 10	MD068355			GASKET, FUEL RETURN		4	4	4	4				A	
1 11	MD070717			GASKET, HOLDER		4	4	4	4				A	
1 12	05946-00801			WASHER, SEALING		1	1	1	1				A	
1 13	05946-01401			WASHER, SEALING		10	10	10	10				A	
1 14	32A35-00600			O-RING		1	1	1	1				A	
1 15	06016-13075			O-RING		1	1	1	1				A	
1 16	06016-13140			O-RING		2	2	2	2				A	
1 17	30636-25901			GASKET		2	2	2	2				A	
1 18	32A01-02204			GASKET, CYLINDER HEAD		1	1	1	1				A	
1 19	32A01-02501			GASKET, HEAD REAR		1	1	1	1				A	
1 20	32A04-02801			SEAL, VALVE STEM		8	8	8	8				A	
1 21	32A04-13200			GASKET, ROCKER COVER		1	1	1	1				A	
1 22	32A07-04100			GASKET, FRONT PLATE		1	1	1	1				A	
1 23	32A07-11700			SEAL, SIDE		2	2	2	2				A	
1 24	32A07-14201			GASKET, REAR		1	1	1	1				A	
1 25	32A11-00200			GASKET, GEAR CASE		1	1	1	1				A	
1 26	32A30-00201			GASKET, INLET MANF		1	1	1	1				A	
1 27	32A32-00200			GASKET, EXHAUST MANF		1	1	1	1				A	
1 28	32A32-01400			GASKET, EXHAUST		1	1	1	1				A	
1 29	32A32-03300			GASKET		1	1	1	1				A	
1 30	32A39-21200			GASKET, SIDE COVER		1	1	1	1				A	
1 31	32A39-01401			GASKET	E0-00	1	1	1	1				A	
	32A39-11400			GASKET	E0-01	1	1	1	1				A	
1 32	32A45-10400			GASKET, PUMP COVER		1	1	1	1				A	
1 33	32A45-10500			GASKET, WATER PUMP		1	1	1	1				A	
1 34	32A46-01400			GASKET, THERMOSTAT		1	1	1	1				A	
1 35	32A91-05100			GASKET, LIQUID		1	1	1	1				A	
1 36	34232-00300			GASKET, EXHAUST		1	1	1	1				A	
1 37	34330-04300			GASKET, AIR HEATER		1	1	1	1				A	
1 38	34336-04100			GASKET, OIL PIPE		1	1	1	1				A	
1 39	34446-05300			GASKET	E0-00	1	1	1	1				A	
	32A46-01800			GASKET	E0-01	1	1	1	1				A	
1 40	05507-10110			O-RING	NOT SHOWN	1	1	1	1				A	
1 41	05946-01001			WASHER, SEALING	NOT SHOWN	2	2	2	2				A	
1 42	32A11-10700			GASKET	NOT SHOWN E0-01	1	1	1	1				A	
1 43	05946-00601			WASHER, SEALING	NOT SHOWN	8	8	8	8				A	
1 44	05946-01201			WASHER, SEALING	NOT SHOWN	2	2	2	2				A	
1 45	32A90-13600			GASKET	NOT SHOWN	1	1	1	1				A	
1 46	MM433993			O-RING	NOT SHOWN	1	1	1	1				A	

94-00-01 OVERHAUL GASKET KIT



1:Y161DG
2:Y1DT61DG
3:Y2DT65DG
4:Y3DT65DG

[illegible]

NUMERICAL PARTS INDEX

PART NO.	GRP NO.	PAREF GE-NO.	PART NO.	GRP NO.	PAREF GE-NO.	PART NO.	GRP NO.	PAREF GE-NO.
A529X-05571	68-00-02	153 1 14	F2870-07022	05	13 4	MD000312	12	23 12
A628X-65070	68-00-02	153 1 02	F2870-07022	20	35 1 02	MD001404	12	23 11
A640X-53570	68-00-02	153 1 04	F2870-07022	20	35 3 02	MD001521	68-00-01	151 6
A640X-69170	68-00-02	153 1 04	F3150-02000	35-02	61 2	MD008784	04-02	11 4
A860X-50970	68-00-02	153 1 13	F3150-02000	39-00-02	67 3	MD050316	13	25 1 02
A866X-44682	68-00-02	153 1 11	F3150-02000	94-00-01	167 1 01	MD050317	13	25 1 01
A880X-91870	68-00-02	153 1 07	F3156-02500	39-00-02	67 5 01	MD068353	61-00-01	79 1
F1035-06020	33-00-01	53 12	F3156-02500	94-00-01	167 1 03	MD068355	61-00-01	79 2
F1035-08020	32-00-01	47 3	F3202-03000	17-00-01	29 8	MD068355	94-00-01	167 1 10
F1035-08020	65-01-01	95 9	F3202-03000	17-00-02	31 8	MD070717	61-00-01	79 3
F1035-08020	65-02-01	109 9	F3304-10000	45	73 3 08	MD070717	94-00-01	167 1 11
F1035-12035	21	37 2	F4202-08000	39-00-02	67 5 02	ME016571	61-02-01	85 4
F1805-08025	45	73 3 01	F4202-08000	94-00-01	167 1 04	ME910041	61-02-01	85 29
F1805-08035	45	73 3 02	F4202-10000	33-00-01	53 3	ME910-12501	61-00-01	79 16
F1805-10025	62	93 4	F4202-10000	94-00-01	167 1 05	ME910-12501	61-02-01	85 17
F1825-06012	87-06	159 6	F4202-14000	13	25 1 01	MF140026	68-00-01	151 5
F2005-12025	14	27 2	F4202-14000	94-00-01	167 1 06	MF140225	39-00-02	67 4
F2005-12025	14	27 4	F4202-18000	36	63 4	MF140227	46	75 1 01
F2005-12025	87-06	159 7	F4202-18000	94-00-01	167 1 07	MF140239	46	75 3
F2015-10035	65-01-01	95 4	F4300-02500	33-00-01	53 9	MF140433	46	75 4
F2015-10035	65-02-01	109 4	F4440-06300	65-01-01	95 6	MF240049	30-02	43 10
F2015-10035	65-02-08	131 3	F4440-06300	65-02-01	109 6	MF240049	43	71 5
F2300-06000	33-00-01	53 13	F4440-06300	65-02-08	131 5	MF240049	61-00-01	79 13
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F2300-06000	87-06	159 3	F8665-02100	92	163 2	MF240051	13	25 2
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F2300-08000	32-00-02	49 7	M106X-43571	66	147 1 16	MF240053	01-02	7 5
F2300-08000	65-01-01	95 11	M135X-01581	66	147 1 06	MF240053	35	59 3
F2300-08000	65-02-01	109 11	M191X-67685	66	147 1 07	MF240053	62	93 3
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F2320-10000	35	59 4	M357X-66185	66	147 1 04	MF240054	30-02	43 3
F2325-08000	04	9 10 02	M357X-91874	66	147 1 03	MF240062	46	75 4
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F2515-06000	33-00-01	53 14	M385X-03771	66	147 1 11	MF241251	05	13 6
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F2515-08000	65-01-01	95 10	M641X-B1571	66	147 1 01	MF241253	65-02-01	109 7
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F2850-04008	07-01-01	15 9	MD000269	07-01-01	15 15	MF241263	32-00-02	49 8
F2850-04008	07-01-02	17 10	MD000269	07-01-02	17 16	MF241264	11	21 6

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MF241266	11	21	9	MS660163	61-02-01	85	13 02	029300-8320	65-02-10	141	1 94
MF241266	30-02	43	4	MS661140	07-01-01	15	12	029310-5170	65-02-10	139	1 71
MF241268	46	75	3	MS661140	07-01-02	17	13	029310-9080	65-02-11	143	1 19
MF241280	23	39	7	MS661142	07-01-01	15	13	029311-0010	65-02-10	139	1 49
MF241282	12	23	3	MS661142	07-01-02	17	14	029311-0020	65-02-09	133	1 27
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MF243628	61-00-01	79	10	00665-02048	33-00-02	55	1 01	029311-0050	65-02-09	133	1 27
MF243628	61-02-01	85	16	013020-8040	65-02-10	137	1 25	029311-0060	65-02-09	133	1 27
MF407008	32-02	51	3	013030-6040	65-02-11	143	1 05	029311-0070	65-02-09	133	1 27
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MM502577	68-00-03	155	1 12	029010-6810	65-02-10	137	1 10	029312-0340	65-02-09	135	1 41
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MS602023	61-02-01	85	13 01	029201-2290	65-02-10	139	1 53	029312-0350	65-02-09	135	1 41
MS602901	61-02-01	85	13 01	029201-6010	65-02-10	139	1 57	029312-0350	65-02-09	135	1 54
MS660163	61-02-01	85	5 02	029231-2030	65-02-10	137	1 47	029312-0360	65-02-09	135	1 41

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029312-0370	65-02-09	135 1 41	05946-00801	94-00-01	167 1 12	09016-40090	65-01-03	99 1 12
029312-0370	65-02-09	135 1 54	05946-01001	94-00-01	167 1 41	09016-40090	65-02-04	117 1 13
029312-0380	65-02-09	135 1 41	05946-01201	94-00-01	167 1 44	09016-40350	65-02-03	113 1 12
029312-0380	65-02-09	135 1 54	05946-01401	61-02-01	85 31	09016-50160	65-01-03	99 1 13
029321-2020	65-02-10	137 1 46	05946-01401	62	93 1 04	09016-50160	65-02-03	113 1 13
029330-8050	65-02-11	143 1 03	05946-01401	94-00-01	167 1 13	09016-50160	65-02-04	117 1 14
029340-6020	65-02-09	133 1 10	05977-10030	33-00-01	53 16	09017-00070	65-01-03	99 1 14
029341-2140	65-02-09	135 1 50	06016-13060	35	59 2	09017-00070	65-02-03	113 1 14
029341-4130	65-02-09	135 1 49	06016-13075	65-02-01	109 3	09017-00070	65-02-04	117 1 15
029341-4130	65-02-12	145 1 15	06016-13075	94-00-01	167 1 15	09018-90090	65-01-03	99 1 15
029341-4130	65-02-12	145 1 16	06016-13140	11	21 8	09018-90090	65-02-03	113 1 22
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32A30-08200	30-02	43	9	32A42-05100	13	25	3	32A61-35200	61-02-01	85	25
32A32-00200	32-00-01	47	2	32A43-00100	43	71	3	32A61-35300	61-02-01	85	26
32A32-00200	32-00-02	49	2	32A43-00900	43	71	2	32A61-35400	61-02-01	85	27
32A32-00200	94-00-01	167	1 27	32A43-01700	43	71	1	32A61-35600	61-02-01	85	30
32A32-01300	32-02	51	1	32A45-00300	45	73	3 03	32A61-35800	65-02-08	131	7
32A32-01400	32-02	51	2	32A45-00400	45	73	3 04	32A61-56900	61-02-01	85	1
32A32-01400	92	163	3	32A45-00500	45	73	1	32A61-56900	94-00-01	169	1 47
32A32-01400	94-00-01	167	1 28	32A45-10400	45	73	3 04	32A61-57400	61-02-04	91	1 08
32A32-03300	92-02	165	3	32A45-10400	94-00-01	167	1 32	32A62-30200	62	93	2
32A32-03300	94-00-01	167	1 29	32A45-10500	45	73	1	32A62-30201	62	93	2
32A32-11300	32-02	51	1	32A45-10500	94-00-01	167	1 33	32A65-02310	65-01-01	95	12
32A32-21100	32-00-01	47	1	32A46-00900	46	75	5	32A65-02310	65-01-02	97	1
32A32-21100	32-00-02	49	1	32A46-01101	46	75	1 02	32A65-04320	65-02-01	109	14
32A35-00600	35	59	2	32A46-01200	46	75	1 03	32A65-04320	65-02-02	111	2
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32A65-05310	65-02-02	111	1	32B66-06500	92-02	165	4	34661-02000	61-00-02	83	1 08
32A66-03100	66-02	149	1	32C04-04501	04	9	10 07	34730-01050	30-04	45	7
32A66-04101	66-02	149	3	32C61-06000	61-00-02	81	1	34730-03200	30-04	45	1 04
32A66-07011	66-02	149	2	32C61-06010	61-00-02	81	1 01	36730-01503	30-02	43	7
32A66-08100	92-02	165	1	34232-00300	33-00-01	53	15	36730-21304	30-02	43	1
32A66-10101	66	147	1	34232-00300	94-00-01	167	1 36	36761-00901	61-02-01	85	23
32A68-00400	68-00-02	153	1	34232-08200	32-00-02	49	3	36761-01100	61-02-01	85	12
32A68-00401	68-00-02	153	1	34232-08300	32-00-01	47	4	47220-34401	30-04	45	3
32A68-01103	68-00-01	151	1	34287-02603	87-05	157	1	47X11-02296	68-00-02	153	1 06
32A68-06600	68-00-03	155	1	34307-02100	07-01-01	15	5	47X11-02296	68-00-03	155	1 06
32A68-11600	68-00-01	151	4	34307-02100	07-01-02	17	6	47X11-02308	68-00-03	155	1 05
32A68-11601	68-00-01	151	4	34323-00801	23	39	6	47X11-02309	68-00-03	155	1 11
32A87-03100	87-06	159	4	34330-04200	30-02	43	6	47X11-02348	68-00-03	155	1 04
32A87-03200	87-06	159	5	34330-04300	30-02	43	2	47X11-02355	68-00-03	155	1 07
32A87-05300	87-05	157	6	34330-04300	94-00-01	167	1 37	47X11-02356	68-00-03	155	1 09
32A87-05400	87-05	157	7	34332-21300	32-00-02	49	5	47X11-02357	68-00-03	155	1 10
32A87-05500	87-05	157	5 02	34332-31300	32-00-02	49	5	47X11-02358	68-00-03	155	1 13
32A87-05900	87-05	157	5 01	34332-31301	32-00-02	49	5	47X11-02359	68-00-03	155	1 14
32A87-07050	87-05	157	5	34333-01400	33-00-01	53	8	47X11-02360	68-00-03	155	1 02
32A90-00300	90	161	3	34333-01401	33-00-01	53	8	49160-23100	33-00-02	55	1 05
32A90-13600	94-00-01	167	1 45	34336-04100	33-00-01	53	6	49160-23100	33-00-03	57	1 03
32A91-05100	94-00-01	167	1 35	34336-04100	94-00-01	167	1 38	49171-22100	33-00-03	57	1 06
32A94-00040	94-00-01	167	1	34340-00700	36	63	2	49177-04210	33-00-03	57	1
32A94-10040	94-00-01	167	1	34340-00700	94-00-01	167	1 08	49177-08590	33-00-03	57	1 02
32B09-08101	09	19	5	34361-07100	65-02-08	131	11 04	49177-22100	33-00-02	55	1 08
32B09-08201	09	19	6	34361-07600	65-02-08	131	11 05	49183-14000	33-00-02	55	1 06
32B09-08301	09	19	7	34404-02901	04	9	7	49183-14000	33-00-03	57	1 04
32B12-00301	12	23	13	34407-11090	12	23	5	49189-02410	33-00-02	55	1
32B12-20102	12	23	1	34407-12601	33-00-01	53	10	49189-08110	33-00-02	55	1 04
32B12-20103	12	23	1	34417-02012	17-00-01	29	4	49189-53201	33-00-02	55	1 03
32B12-20104	12	23	1	34417-02012	17-00-02	31	4	49477-16800	33-00-03	57	1 05
32B17-06100	17-00-02	31	1	34417-02022	17-00-01	29	5	49477-56810	33-00-03	57	1 01
32B17-06200	17-00-02	31	2	34417-02022	17-00-02	31	5	51703-01000	43	71	4
32B17-06300	17-00-02	31	3	34417-02032	17-00-01	29	6	60308-02200	30-04	45	2 04
32B30-01010	30-04	45	2	34417-02032	17-00-02	31	6	90160-06051	65-01-03	101	1 33
32B30-01300	30-04	45	2 02	34430-03041	30-04	45	4	90160-06051	65-02-03	115	1 37
32B32-00901	32-00-02	49	4	34430-05100	30-04	45	5	90160-06051	65-02-04	119	1 33
32B45-02101	45	73	4	34446-05300	46	75	2	90190-08051	65-01-04	105	1 69
32B45-10010	45	73	3	34446-05300	94-00-01	167	1 39	90190-08051	65-02-05	123	1 69
32B45-10031	45	73	3	34448-44200	48	77	1	90190-08051	65-02-06	127	1 64
32B45-10032	45	73	3	34461-09050	65-01-02	97	1 07	90258-06001	65-01-03	101	1 34
32B61-02100	61-00-01	79	4	34461-09050	65-01-05	107	1	90258-06001	65-02-03	115	1 38
32B61-02200	61-00-01	79	5	34461-09060	65-02-02	111	1 07	90258-06001	65-02-04	119	1 34
32B61-02300	61-00-01	79	6	34461-09060	65-02-02	111	2 07	90400-02101	65-01-04	103	1 13
32B61-02400	61-00-01	79	7	34461-09060	65-02-07	129	1	90400-02101	65-02-05	121	1 13
32B61-03900	61-02-01	85	28	34462-00011	62	93	1	90400-02101	65-02-06	125	1 13
32B61-07020	61-02-03	89	1	34462-00201	62	93	1 01	90801-10120	65-01-04	105	1 61
32B61-07200	61-02-03	89	1 09	34462-00300	62	93	1 02	90801-10120	65-02-05	123	1 61
32B61-07600	61-02-03	89	1 01	34530-06300	30-04	45	1 03	90801-10120	65-02-06	127	1 61

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90801-20160	65-02-05	121 1 27	94901-81550	65-01-04	103 1 44	94913-00030	65-01-04	105 1 56
90801-20160	65-02-06	125 1 27	94901-81550	65-02-05	121 1 44	94913-00030	65-02-05	123 1 56
91418-06161	65-01-02	97 1 09	94901-81550	65-02-06	125 1 44	94913-00030	65-02-06	127 1 56
91418-06161	65-02-02	111 1 09	94904-30010	65-01-03	99 1 02	94913-00050	65-01-04	103 1 19
91418-06161	65-02-02	111 2 09	94904-30010	65-02-03	113 1 02	94913-00050	65-02-05	121 1 19
91418-06161	65-02-06	125 1 40	94904-30010	65-02-04	117 1 02	94913-00050	65-02-06	125 1 19
91418-06201	65-02-03	113 1 19	94904-32250	65-01-04	105 1 63	94913-00190	65-01-02	97 1 05
91418-06201	65-02-04	119 1 35	94904-32250	65-02-05	123 1 63	94913-00300	65-02-02	111 1 05
91518-05081	65-01-04	105 1 66	94904-32250	65-02-06	125 1 39	94913-00300	65-02-02	111 2 05
91518-05081	65-02-05	123 1 66	94904-71190	65-01-04	103 1 35	94913-00320	65-02-02	111 1 05
91518-08221	65-01-02	97 1 08	94904-71190	65-02-05	121 1 35	94913-00320	65-02-02	111 2 05
91518-08221	65-02-02	111 1 08	94904-71190	65-02-06	125 1 35	94913-00340	65-02-02	111 1 05
91518-08221	65-02-02	111 2 08	94904-71360	65-01-03	101 1 35	94913-00340	65-02-02	111 2 05
94805-30051	65-01-04	103 1 14	94904-71750	65-01-04	103 1 32	94913-00360	65-02-02	111 1 05
94805-30051	65-02-05	121 1 14	94904-71750	65-02-05	121 1 32	94913-00360	65-02-02	111 2 05
94805-30051	65-02-06	125 1 14	94904-71750	65-02-06	125 1 32	94914-00130	65-01-04	105 1 47
94901-33880	65-02-05	123 1 75	94904-71760	65-01-04	103 1 31	94914-00130	65-02-05	123 1 47
94901-33880	65-02-06	127 1 70	94904-71760	65-02-05	121 1 31	94914-00130	65-02-06	127 1 47
94901-34020	65-02-05	123 1 75	94904-71760	65-02-06	125 1 31	94914-00380	65-01-03	101 1 42
94901-34020	65-02-06	127 1 70	94904-72701	65-01-04	103 1 39	94914-00380	65-02-03	115 1 44
94901-34030	65-02-05	123 1 75	94904-72701	65-02-05	121 1 39	94914-00380	65-02-04	119 1 38
94901-34030	65-02-06	127 1 70	94904-72701	65-02-06	127 1 62	94914-02570	65-01-03	99 1 25
94901-34040	65-02-05	123 1 75	94904-74850	65-01-04	103 1 40	94914-02570	65-02-03	113 1 24
94901-34040	65-02-06	127 1 70	94904-74850	65-02-05	121 1 40	94914-02570	65-02-04	117 1 26
94901-34060	65-01-04	103 1 24	94905-02450	65-01-02	97 1 04	94915-00210	65-01-04	103 1 33
94901-34060	65-02-05	121 1 24	94905-03390	65-01-04	105 1 59	94915-00210	65-02-05	121 1 33
94901-34060	65-02-06	125 1 24	94905-03390	65-02-05	123 1 59	94915-00210	65-02-06	125 1 33
94901-34070	65-01-04	103 1 24	94905-03390	65-02-06	127 1 59	94915-02700	65-01-05	107 1 03
94901-34070	65-02-05	121 1 24	94905-03570	65-02-02	111 1 04	94915-02700	65-02-07	129 1 03
94901-34070	65-02-06	125 1 24	94905-03570	65-02-02	111 2 04	94918-00060	65-01-03	101 1 43
94901-34080	65-01-04	103 1 24	94905-05120	65-01-04	105 1 62	94918-00060	65-02-03	115 1 32
94901-34080	65-02-05	121 1 24	94905-05120	65-02-05	123 1 62	94918-00060	65-02-04	119 1 39
94901-34080	65-02-06	125 1 24	94906-21270	65-01-04	103 1 45	94918-00310	65-01-03	101 1 44
94901-34090	65-01-04	103 1 24	94906-21270	65-02-05	121 1 45	94918-00310	65-01-05	107 1 20
94901-34090	65-02-05	121 1 24	94906-21270	65-02-06	125 1 45	94918-00310	65-02-03	115 1 43
94901-34090	65-02-06	125 1 24	94907-10090	65-01-04	103 1 28	94918-00310	65-02-04	119 1 40
94901-34100	65-01-04	103 1 24	94907-10090	65-02-05	121 1 28	94918-00310	65-02-07	129 1 20
94901-34100	65-02-05	121 1 24	94907-10090	65-02-06	125 1 28	94918-10160	65-02-07	129 1 21
94901-34100	65-02-06	125 1 24	94907-20940	65-01-05	107 1 14			
94901-50500	65-01-02	97 1 06	94907-20940	65-02-07	129 1 14			
94901-50500	65-01-04	103 1 21	94908-23160	61-02-02	87 1 08			
94901-50500	65-02-05	121 1 21	94908-23160	61-02-03	89 1 08			
94901-50500	65-02-06	125 1 21	94910-00010	65-01-04	103 1 18			
94901-50590	65-02-02	111 1 06	94910-00010	65-02-05	121 1 18			
94901-50590	65-02-02	111 2 06	94910-00010	65-02-06	125 1 18			
94901-81020	65-01-04	105 1 60	94910-10071	65-02-03	115 1 40			
94901-81020	65-02-05	123 1 60	94910-10071	65-02-04	119 1 43			
94901-81020	65-02-06	127 1 60	94910-10120	65-01-03	101 1 36			
94901-81240	65-01-05	107 1 16	94910-10120	65-02-03	113 1 18			

TABLE OF BOLT,W/WASHER

BOLT,W/WASHER	BOLT/WASHER	BOLT,W/WASHER	BOLT/WASHER	BOLT,W/WASHER	BOLT/WASHER
F1805-06010	F1035-06010 F2515-06000	F1805-06035	F1035-06035 F2515-06000	F1805-08018	F1035-08018 F2515-08000
F1805-06012	F1035-06012 F2515-06000	F1805-06040	F1035-06040 F2515-06000	F1805-08020	F1035-08020 F2515-08000
F1805-06014	F1035-06014 F2515-06000	F1805-06045	F1035-06045 F2515-06000	F1805-08022	F1035-08022 F2515-08000
F1805-06016	F1035-06016 F2515-06000	F1805-06055	F1035-06055 F2515-06000	F1805-08025	F1035-08025 F2515-08000
F1805-06018	F1035-06018 F2515-06000	F1805-06060	F1035-06060 F2515-06000	F1805-08030	F1035-08030 F2515-08000
F1805-06020	F1035-06020 F2515-06000	F1805-08012	F1035-08012 F2515-08000	F1805-08035	F1035-08035 F2515-08000
F1805-06025	F1035-06025 F2515-06000	F1805-08014	F1035-08014 F2515-08000	F1805-08040	F1035-08040 F2515-08000
F1805-06030	F1035-06030 F2515-06000	F1805-08016	F1035-08016 F2515-08000	F1805-08045	F1035-08045 F2515-08000

TABLE OF BOLT,W/WASHER

BOLT,W/WASHER	BOLT/WASHER	BOLT,W/WASHER	BOLT/WASHER	BOLT,W/WASHER	BOLT/WASHER
F1805-08050	F1035-08050 F2515-08000	F1805-10018	F1035-10018 F2515-10000	F1805-10050	F1035-10050 F2515-10000
F1805-08055	F1035-08055 F2515-08000	F1805-10020	F1035-10020 F2515-10000	F1805-10055	F1035-10055 F2515-10000
F1805-08060	F1035-08060 F2515-08000	F1805-10022	F1035-10022 F2515-10000	F1805-10060	F1035-10060 F2515-10000
F1805-08065	F1035-08065 F2515-08000	F1805-10025	F1035-10025 F2515-10000	F1805-10065	F1035-10065 F2515-10000
F1805-08070	F1035-08070 F2515-08000	F1805-10030	F1035-10030 F2515-10000	F1805-10070	F1035-10070 F2515-10000
F1805-08075	F1035-08075 F2515-08000	F1805-10035	F1035-10035 F2515-10000	F1805-10085	F1035-10085 F2515-10000
F1805-10014	F1035-10014 F2515-10000	F1805-10040	F1035-10040 F2515-10000	F1805-12016	F1035-12016 F2515-12000
F1805-10016	F1035-10016 F2515-10000	F1805-10045	F1035-10045 F2515-10000	F1805-12020	F1035-12020 F2515-12000

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BOLT,W/WASHER	BOLT/WASHER	BOLT,W/WASHER	BOLT/WASHER	BOLT,W/WASHER	BOLT/WASHER
F1805-12025	F1035-12025 F2515-12000	F1805-12065	F1035-12065 F2515-12000	F1825-06010	F1035-06010 F2515-06000 F2500-06000
F1805-12030	F1035-12030 F2515-12000	F1805-12085	F1035-12085 F2515-12000	F1825-06012	F1035-06012 F2515-06000 F2500-06000
F1805-12035	F1035-12035 F2515-12000	F1805-14035	F1035-14035 F2515-14000	F1825-06014	F1035-06014 F2515-06000 F2500-06000
F1805-12040	F1035-12040 F2515-12000	F1805-14045	F1035-14045 F2515-14000		
F1805-12045	F1035-12045 F2515-12000			F1825-06016	F1035-06016 F2515-06000 F2500-06000
F1805-12050	F1035-12050 F2515-12000			F1825-06020	F1035-06020 F2515-06000 F2500-06000
F1805-12055	F1035-12055 F2515-12000			F1825-06025	F1035-06025 F2515-06000 F2500-06000
F1805-12060	F1035-12060 F2515-12000				

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BOLT,W/WASHER	BOLT/WASHER	BOLT,W/WASHER	BOLT/WASHER	BOLT,W/WASHER	BOLT/WASHER
F1825-06030	F1035-06030	F1825-08025	F1035-08025	F1825-08050	F1035-08050
	F2515-06000		F2515-08000		F2515-08000
	F2500-06000		F2500-08000		F2500-08000
F1825-06035	F1035-06035	F1825-08030	F1035-08030	F1825-08055	F1035-08055
	F2515-06000		F2515-08000		F2515-08000
	F2500-06000		F2500-08000		F2500-08000
F1825-06055	F1035-06055	F1825-08035	F1035-08035	F1825-08085	F1035-08085
	F2515-06000		F2515-08000		F2515-08000
	F2500-06000		F2500-08000		F2500-08000
F1825-08012	F1035-08012	F1825-08038	F1035-08038	F1825-10014	F1035-10014
	F2515-08000		F2515-08000		F2515-10000
	F2500-08000		F2500-08000		F2500-10000
F1825-08016	F1035-08016	F1825-08040	F1035-08040	F1825-10016	F1035-10016
	F2515-08000		F2515-08000		F2515-10000
	F2500-08000		F2500-08000		F2500-10000
F1825-08020	F1035-08020	F1825-08045	F1035-08045	F1825-10020	F1035-10020
	F2515-08000		F2515-08000		F2515-10000
	F2500-08000		F2500-08000		F2500-10000

TABLE OF BOLT,W/WASHER

BOLT,W/WASHER	BOLT/WASHER	BOLT,W/WASHER	BOLT/WASHER	BOLT,W/WASHER	BOLT/WASHER
F1825-10025	F1035-10025	F1825-12025	F1035-12025	F2005-10016	F1155-10016
	F2515-10000		F2515-12000		F2515-10000
	F2500-10000		F2500-12000		
F1825-10030	F1035-10030	F1825-12030	F1035-12030	F2005-10020	F1155-10020
	F2515-10000		F2515-12000		F2515-10000
	F2500-10000		F2500-12000		
F1825-10035	F1035-10035	F1825-12040	F1035-12040	F2005-10025	F1155-10025
	F2515-10000		F2515-12000		F2515-10000
	F2500-10000		F2500-12000		
F1825-10040	F1035-10040			F2005-10030	F1155-10030
	F2515-10000				F2515-10000
	F2500-10000				
F1825-10080	F1035-10040			F2005-10035	F1155-10035
	F2515-10000				F2515-10000
	F2500-10000				
F1825-10080	F1035-10080			F2005-10040	F1155-10040
	F2515-10000				F2515-10000
	F2500-10000				
F1825-12020	F1035-10080			F2005-10045	F1155-10045
	F2515-10000				F2515-10000
	F2500-10000				
F1825-12020	F1035-12020			F2005-10050	F1155-10050
	F2515-12000				F2515-10000
	F2500-12000				

TABLE OF BOLT,W/WASHER

BOLT,W/WASHER	BOLT/WASHER	BOLT,W/WASHER	BOLT/WASHER	BOLT,W/WASHER	BOLT/WASHER
F2005-10055	F1155-10055 F2515-10000	F2005-12040	F1155-12040 F2515-12000	F2015-10020	F1155-10020 F2515-10000 F2500-10000
F2005-10060	F1155-10060 F2515-10000	F2005-12045	F1155-12045 F2515-12000	F2015-10025	F1155-10025 F2515-10000 F2500-10000
F2005-10065	F1155-10065 F2515-10000	F2005-12050	F1155-12050 F2515-12000	F2015-10030	F1155-10030 F2515-10000 F2500-10000
F2005-10070	F1155-10070 F2515-10000	F2005-12055	F1155-12055 F2515-12000	F2015-10035	F1155-10035 F2515-10000 F2500-10000
F2005-12020	F1155-12020 F2515-12000	F2005-12065	F1155-12065 F2515-12000	F2015-10040	F1155-10040 F2515-10000 F2500-10000
F2005-12025	F1155-12025 F2515-12000			F2015-10050	F1155-10050 F2515-10000 F2500-10000
F2005-12030	F1155-12030 F2515-12000				
F2005-12035	F1155-12035 F2515-12000				

TABLE OF BOLT,W/WASHER

BOLT,W/WASHER	BOLT/WASHER	BOLT,W/WASHER	BOLT/WASHER	BOLT,W/WASHER	BOLT/WASHER
F2015-10055	F1155-10055				
	F2515-10000				
	F2500-10000				
F2015-10060	F1155-10060				
	F2515-10000				
	F2500-10000				
F2015-12025	F1155-12025				
	F2515-12000				
	F2500-12000				
F2015-12030	F1155-12030				
	F2515-12000				
	F2500-12000				

