



MODEL	
RB145 KA	
ENGINE	W04C-T
CAT.NO.	RB-1013-E
DATE ISSUED	1991 MAY

PARTS CATALOG

HINO MOTORS, LTD.

Hino

MODEL

RB145 KA

ENGINE

W04C-T

CAT. NO.

RB-1013-E

DATE ISSUED

1991

MAY

SUBJECT INDEX

LOCATION NO.

1. APPLICABLE MODELS

CHASSIS

CHASSIS NOS.

RB145KA (FROM RB145K-40013)

ENGINE

ENGINE NOS.

W04C-T (FROM W04C-TA10860)

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SPEC. OUTLINE OF HINO PRODUCT RANGE

MODEL		RB145KA						
PRODUCTION SERIES CODE		AHA	AKA	ANA	AEA	AGN	AGK	AGA
WHEEL BASE (MM)	3,780	X	X	X	X	X	X	X
ENGINE MODEL	W04C-T	X	X	X	X	X	X	X
TRANSMISSION SERIES	LE05S	X	X	X	X	X	X	X
REAR AXLE SERIES (RATIO)	SS12-2 (4.100)	X	X	X	X	X	X	X
SERVICE BRAKE CONTROL	VACUUM SERVO HYDRAULIC, TWO INDEPENDENT CIRCUITS	X	X	X	X	X	X	X
PARKING BRAKE	ACTING ON TRANSMISSION OUTPUT SHAFT	X	X	X	X	X	X	X
AIR CONDITIONER	WIDTH	X	X	X	—	—	—	—
	WITHOUT	—	—	—	X	X	X	X
RIM SIZE (FRONT & REAR)	5.50R-16-115	X	X	X	X	—	X	X
	6.00-17.5-127	—	—	—	—	X	—	—
BODY TYPE	COMPLETE BODY UNIT	X	X	X	X	—	X	X
	COWL	—	—	—	—	X	—	—
DESTINATION		AUSTRALIA				NEW- ZEALAND	CYPRUS	

OPTIONAL EQUIPMENT

OPTIONAL EQUIPMENT	LOCATION	GROUP NO.	OPTION NO.	SPECIFICATION	RB145KA							
					AHA	AKA	ANA	AEA	AGN	AGK	AGA	
TIRE SIZE (FRONT & REAR)	2-D8	5901	C65-A005	700R-16-10PR	X	X	X	—	—	—	X	
			C65-A328	7.00R16-12PR (RADIAL TIRE)	X	X	X	X	—	—	—	X
			C65-H141	700-16-12PR	—	—	—	—	—	—	X	—
			C65-H142	7.00R16-12PR	—	—	—	—	—	—	X	—
SLIDING DOOR KEY	1-H4	2701	F04-M025	WITH KEY	X	—	—	—	X	X	X	
			F04-M026	WITHOUT KEY	—	X	X	—	—	—	—	—
GENERATOR	1-K8 1-H14	1811 2701	F23-M011	24V-70A	—	—	—	X	—	—	X	
MUFFLER	1-H12	2401	F52-A001	STACK TAIL TYPE	X	X	X	X	—	—	X	
RADIATOR CURTAIN	1-A12	2201	F59-M001	—	X	X	X	X	X	X	X	
PACKAGE PARTS	1-B	6001	H11-C125	BLOCK EMBLEM	—	—	—	—	X	X	—	



VERY IMPORTANT INFORMATION

1. This PARTS CATALOG comprises SERVICE PARTS and TOOLS for EXPORT BUSES regarding the CHASSIS and ENGINE NUMBERS listed in the following.

Model		
Chassis	RB145KA	Chassis Nos. RB145K-40013
Engine	WO4C-T	Engine Nos. WO4C-TA10860

2. Please read the PRECAUTIONS FOR USING PARTS CATALOG in the succeeding pages carefully before referring to this PARTS CATALOG.
3. Please notice that the SERVICE PARTS or TOOLS will be supplied according to the DISTRIBUTION SYSTEM of HINO MOTORS, LTD.
4. Please observe the RULES printed in the next page in placing orders for spare parts or tools.

This Parts Catalog is a REVISED EDITION of the Parts Catalog No. RB-1012-E for the TRUCKS regarding the CHASSIS and ENGINE NUMBERS listed in the above.

RULES TO BE OBSERVED IN PLACING ORDERS FOR SPARE PARTS OR TOOLS

1. Please make use of the Parts Order Form of which sample is printed on the next page, whenever an order for spare parts or tools is prepared.
2. The said Parts Order Forms are available free of charge at Hino Motors, Ltd. for use of the Distributors, Agencies and Authorized Organizations of Hino Motors, Ltd.
3. Please be sure to give the following information correctly in the Parts Order Form.
 1. Model
 2. Chassis Number (For Chassis Part)
Cab Number (For Cab Part)
Engine Number (For Engine Part)
 3. Part Number
 4. Quantity Required
 5. Parts Catalog Number

Note: The chassis number and the cab number are both inscribed on the respective identification plates in the driver's compartment, while the engine number is inscribed on the crankcase.



**CAUTIONS
NOT TO USE IMITATION**

1. The illustrations inserted in this parts catalog are intended to give a rough idea about the shape of parts. So, there may be instances where some items or their dimensions, their direction order of fitting, etc. are not found in the illustrations. Consequently, if repair and maintenance of vehicles are made only by reference to these illustrations, some trouble may occur. Therefore, please do not refer to the illustrations but always use relevant shop manual for the purpose of repair and maintenance.
2. Always use Genuine Hino Parts for the maintenance and repairs of Hino vehicles. Please refrain from the use of any imitation parts as they are no doubt inferior in material quality, manufacturing process and in all other aspects as compared with Hino Genuine Parts.

Many kinds of Genuine Hino Parts are available in the sales agent or parts agent of Hino, and are ready for delivery at any time. Either of the following marks is put on Genuine Hino Parts for the assurance of their superlative quality.

PRECAUTIONS FOR USING PARTS CATALOG

1. GENERAL INFORMATION

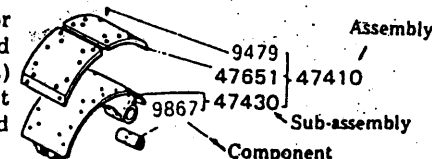
This parts catalog is so compiled that all equipment is classified as described in the Group Index. Each equipment is divided further into several subgroups which are followed by illustrations and pertinent text for each subgroup. For the details of subgroups, refer to the Group Index.

2. ILLUSTRATIONS

Each illustration is described at the beginning of subgroup. Key No. is attached to each illustration for the convenience of indexing the parts included in the illustration. The key No. coincides with the Key No. given in the left column of each page in the text.

3. ILLUSTRATION OF PARTS CONTAINED

Relationship between assembled parts for service and its relative parts contained (assembly, sub-assembly and component) is to be illustrated as in right hand. But the relative parts contained are limited to serviceable parts.



4. COMPONENTS OF A COMPLETE PART

(e.g. Electrical Part, Valves, Cylinders, etc.)

A complete part as assembly is shown in the illustration and text of the group to which it belongs, while its components are illustrated separately at the end of the pages showing the group.

5. STANDARD PARTS OR SEMI-STANDARD PARTS AND PARTS IN GENERAL

Standard parts, semi-standard parts (bolt, nut, washer, rivet, key, etc.) and parts in general are distinguished from each other as shown in the following example.

Part Number

STANDARD OR SEMI-STANDARD PARTS NUMBER ⑨○○○-○○○○

STANDARD BEARING PARTS NUMBER ⑨⑨○-○○○○

Excluding ⑨⑨⑨○-○○○○

Beginning from 9



6. QUANTITY COLUMN

In case different parts are used according to model of chassis or equipment, a discriminative list is given at the initiation of each subgroup, and the quantity required for each category is mentioned in the "Q'ty" column. All parts listed in undistinguished subgroups are those which may be used commonly. The figure given in the "Quantity" column basically denotes the quantity of the part required per unit of the vehicle, but there are the following exceptions.

- (A) When the same part is used for different purposes or on different items of equipment, the figure in the "Quantity" column denotes the quantity required as of the item of equipment or the purpose per unit of vehicle.
- (B) When the components of the structural part are given in separate subgroups, the quantity of the component is understood to denote the requirements there of per unit of the structural part.

Parts marked with "AR" in the "Quantity" column are those which may be used at your convenience as spare or replacement parts.

7. HOW CHANGE OF A PART IS INDICATED :

The new part number is listed below the old part number, and interchangeability of the old and new parts is indicated by the symbols described below.

01.....Where both the old and new parts have interchangeability:
 (Old part number) }
 V 01 The old and new parts are completely
 New part number } interchangeably with each other.

02.....Where only the new part has interchangeability:
 (Old part number) }
 V 02 The new part can be used for the ve-
 New part number } hicle fitted with the old part, but the
 old part cannot be used for the vehicle
 fitted with the new part.

□.....Where the new part combined with an additional part(s) is interchangeable with the old part:
 (Old part number) }
 V □ Substituted with following number(s)
 New part number } New part number, Description, Key
 number. The new part can be
 used for the vehicle
 fitted with the old
 part if additional
 part is provided.

X.....Where neither old nor new part has interchangeability:
 (Old part number) }
 V X The old and new parts are not inter-
 New part number } changeable with each other.

04.....Where the old part becomes unnecessary:
 (Old part number)

V 04
 xxxxxxxxxxx

05.....Where a new part is added:
 (xxxxxxxxxxx)

V 05
 New part number

06.....Where a new part is added in combination with other part(s):
 (xxxxxxxxxxx)

V 06 Substituted with following number(s)
 New part number New part number, Description, Key
 number.

8. HOW TO LOOK UP APPLICABILITY OF A MODIFIED PART

In this edition, the "Table of Applicabilities" describes the serial number of vehicle (Engine No., Chassis No. or Cab No.) from which modification of a part is applicable.

For a modified part, the code number is given on each page in the extreme right column titled "revision ref. code", and the code numbers are listed with corresponding serial numbers. Therefore, when looking up the applicability of a modified part,

- (1) Note the code number in the "revision ref. code" column corresponding to the modified part;
- (2) Find the serial number corresponding to the code number in the aforementioned table.

The confirmation of the applicable serial number is a must especially for a modified part which is interchangeable only when used together with other new part(s) or is not interchangeable with the old part.

(Example)

TABLE										1-C1		B13		
Part Number	A	B	C	D	E	F	G	H	I	Revision Ref. Code	Serial No.	Serial No.	Serial No.	Serial No.
40015														
40016														
40017														
40018														
40019														
40020														
40021														
40022														
40023														
40024														
40025														
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40093														
40094														
40095														
40096														
40097														
40098														
40099														
40100														



9. APPLICABLE SERIAL NUMBER OF BUS CHASSIS FROM WHICH MODIFICATION OF A PART IS APPLICABLE

In the applicable serial number of bus chassis, respective body manufacturers are distinguished from each other by the following symbols.

- T Made of Hino Body Mfg. Co., Ltd. (Yokohama Factory)
- N Made of Nishi-Nippon Body Mfg. Co., Ltd.
- W Made of Kawasaki Heavy Industries, Ltd.
- K Made of Hino Body Mfg. Co., Ltd. (Kanazawa Factory)
- F Made of Fuji Heavy Industries, Ltd.

10. NOMINATION OF "LEFT OR RIGHT", "FRONT OR REAR" AND "UPPER OR LOWER"

"Left or Right" of Chassis, Cab or Rear Body is nominated by seeing the vehicle from the back of it. For engine, we nominate "Back" against the side of Flywheel. "Left or Right" is to be described by seeing from the side of Flywheel. (Consequently, in case of Rear-Engined Bus, "Front or Rear" or "Left or Right" of the Engine is quite vise versa against those of Vehicle.)

11. NUMERICAL INDEX AND ALPHABETICAL INDEX

Numerical index and alphabetical index are given at the end of this catalog, which please use for locating a part by either the part number or part name. (Excluding the part numbers issued by the part manufacturer)

12. DIMENSIONS

All parts are manufactured in métric measure.

13. PART NEWS

Part numbers, the quantity of each part required and the shape of each part are subject to change without notice.



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F16

GROUP INDEX

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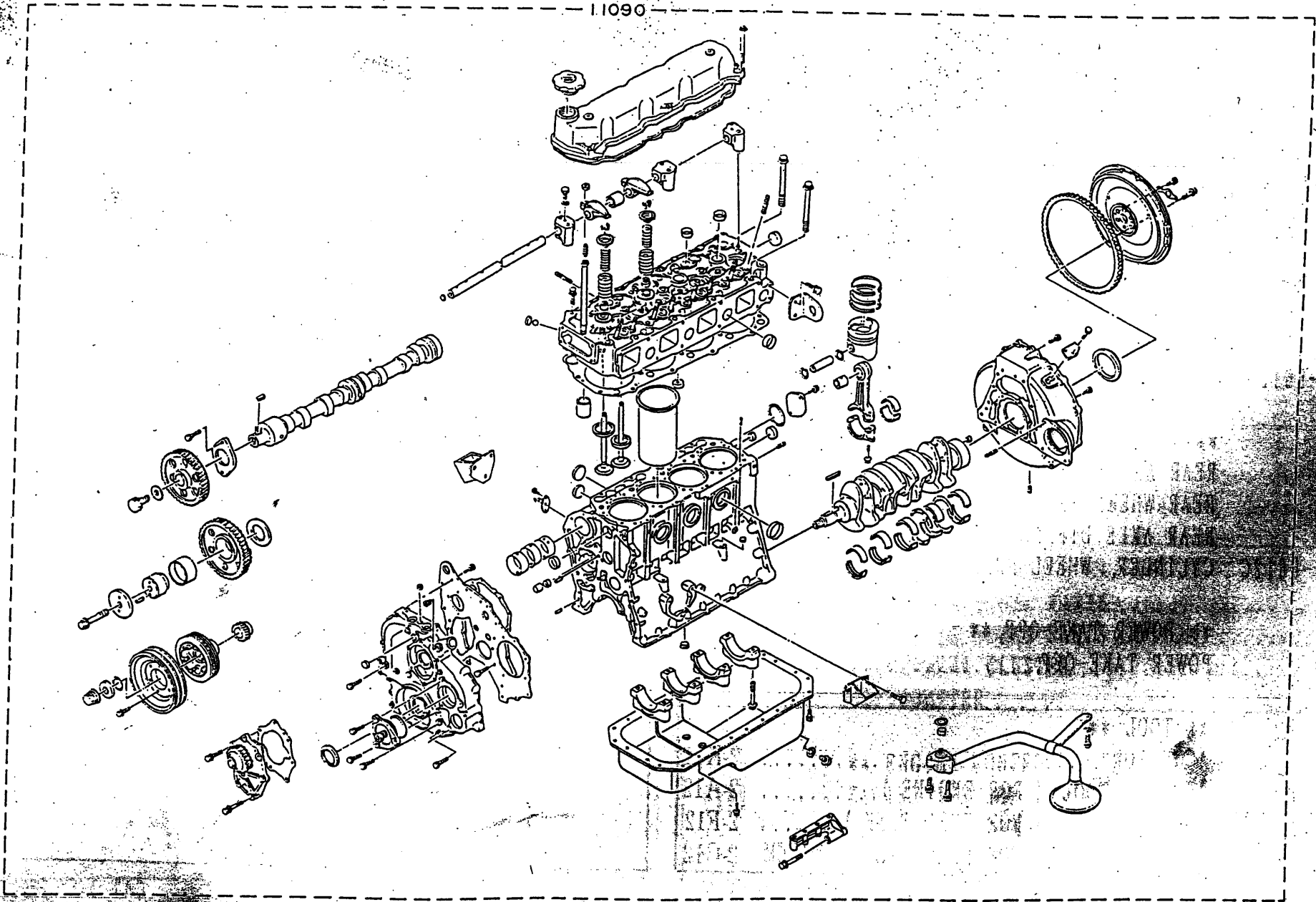
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1-A1

0100

PARTIAL ENGINE

11090



0100-A



ME11-038-00X00~12
(0100)

0100

PARTIAL ENGINE

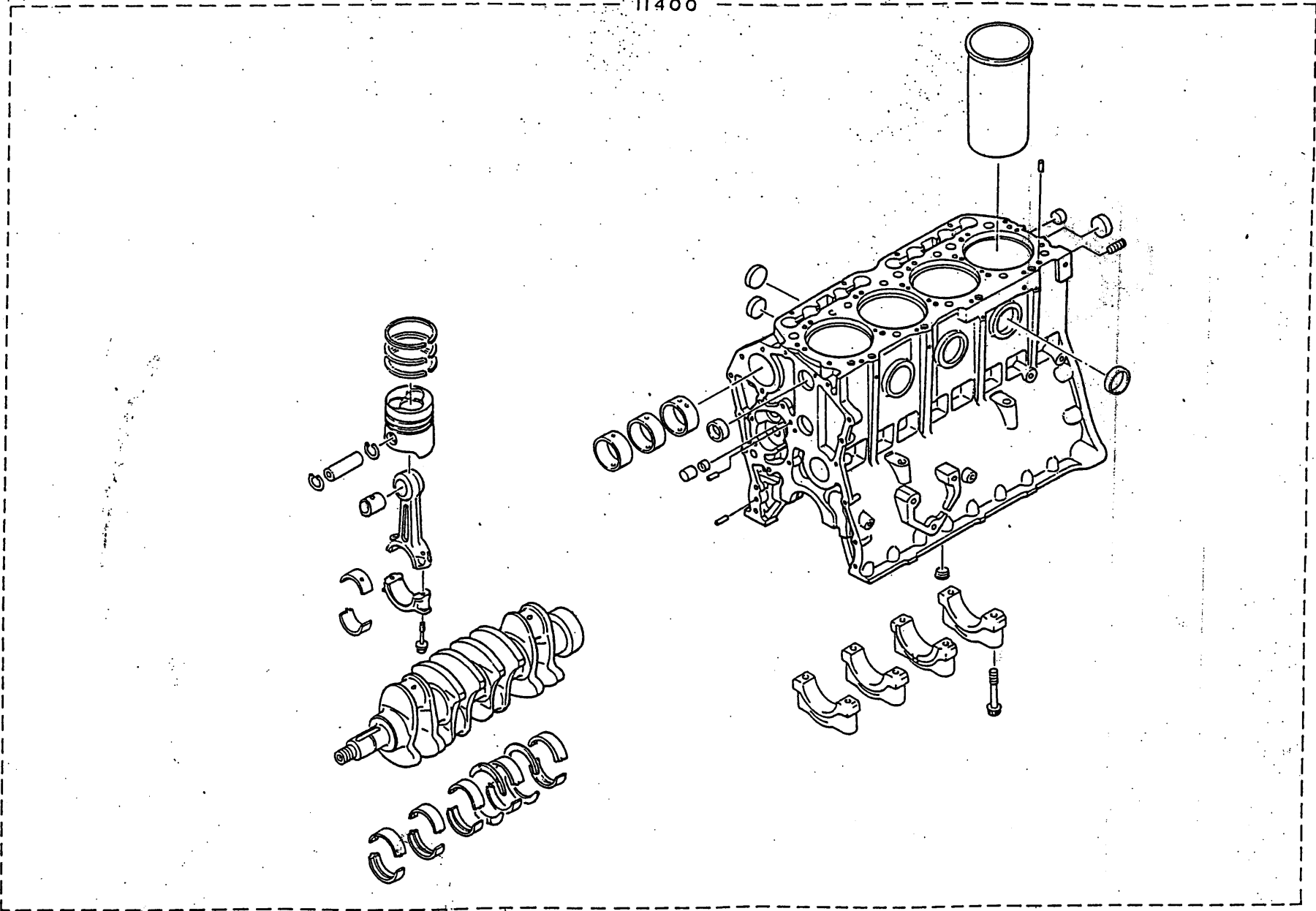
PART NUMBER	Q U A N T I T Y														REVISION	
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	REF. CODE
A RB145KA (AEA, AGA) B RB145KA-AGN C RB145KA (AHA, AKA, ANA) D RB145KA-AGK																
----- : 11090 : ENGINE ASSY, PARTIAL *-----*																
11090-5930	1	1	1	1												

1-C1

0500

SHORT BLOCK

11400



ME11-038-00X00~12
(500)

0500-A



0500

SHORT BLOCK

PART NUMBER	Q U A N T I T Y										REVISION					
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	REF. CODE
A. RB145KA (AEA, AGA)																
B. RB145KA-AGN																
C. RB145KA (AHA, AKA, ANA)																
D. RB145KA-AGK																

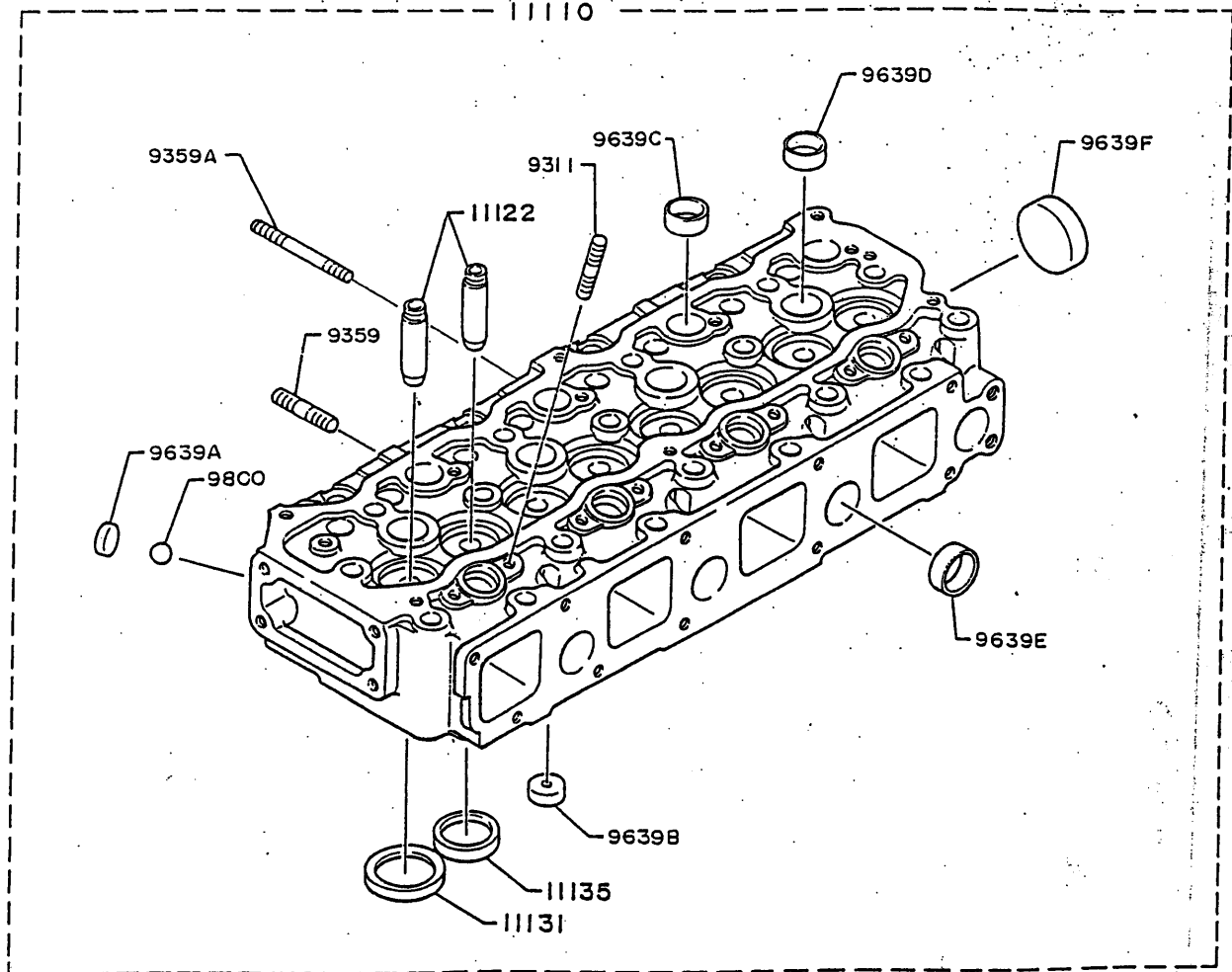
: 11400 : BLOCK ASSY, SHORT																

11400-3110	1	1	1	1												

1-E1

1000

CYLINDER HEAD (1/2)



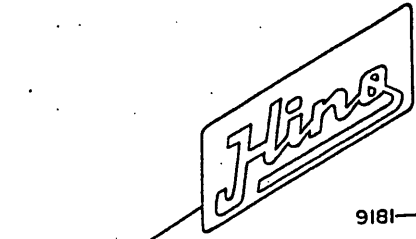
ME11-038-00X00~12
(1000)(1/2)

1000-A

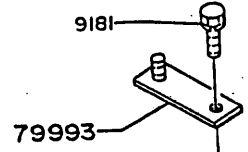


1000

CYLINDER HEAD (2/2)

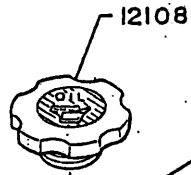


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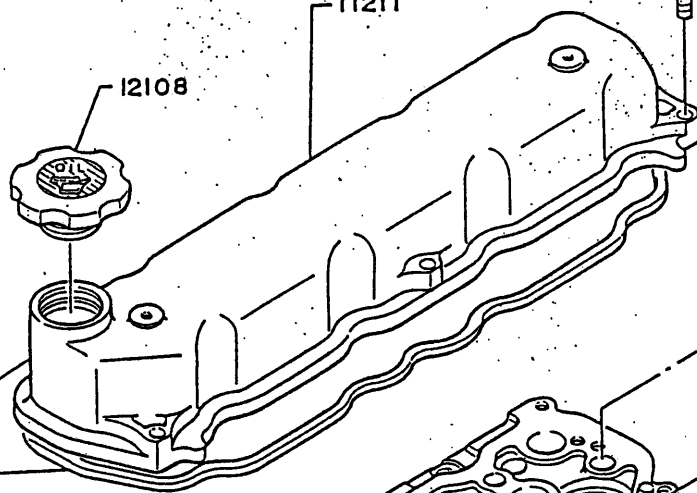
9181

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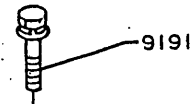


12108

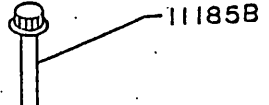
11211



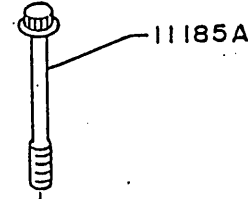
11213



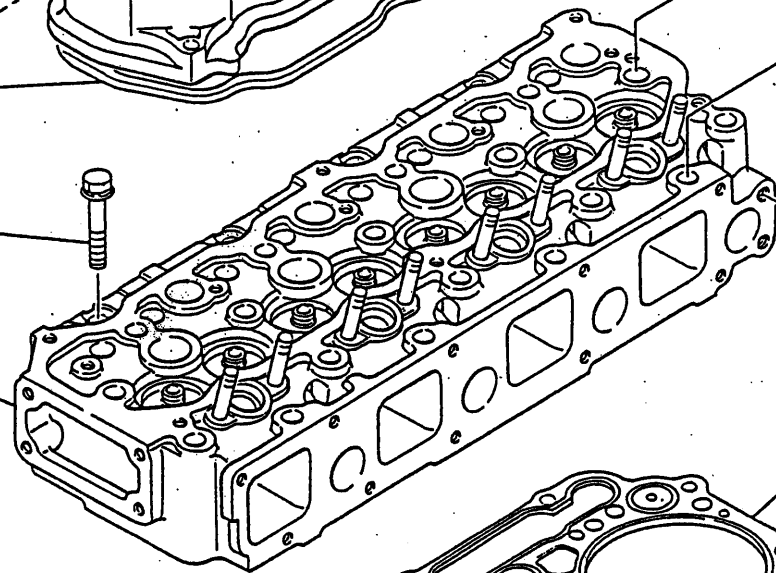
9191



11185B

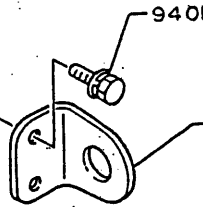


11185A



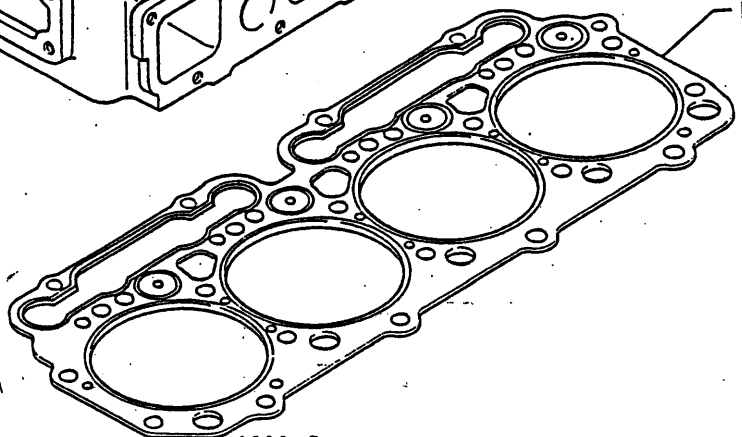
9411

11110



9401

12281



11115

1000-B.



1000

CYLINDER HEAD

PART NUMBER	QUANTITY										REVISION					
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	REF.CODE
A RB145KA(AEA,AGA)																
B RB145KA-AGN																
C RB145KA(AHA,AKA,ANA)																
D RB145KA-AGK																

: 11110 : HEAD ASSY, CYL.																

(11110-3400)	1	1	1	-												
V X																
(11110-3930)	1	1	1	-												
V 02																
11110-3931	1	1	1	1												

: 11115 : GASKET, CYL HEAD																

(11115-1821)	1	1	1	-												
V 01																
11115-1821	1	1	1	1												

: 11122 : BUSHING, VALVE GUIDE INTAKE, REPAIR STD																

11122-1140	8	8	8	8												

: 11131 : SEAT, VALVE INTAKE																

11131-1210	4	4	4	4												

: 11135 : SEAT, VALVE EXH																

11135-1320	4	4	4	4												

: 11185 A : BOLT, CYL HEAD																

(11185-1440)	13	13	13	-												
V 01																
11185-1440	13	13	13	13												

: 11185 B : BOLT, CYL HEAD																

(11185-1450)	5	5	5	-												
V 01																
11185-1450	5	5	5	5												

: 11211 : COVER, CYL HEAD																

11211-1940	1	1	1	1												

: 11213 : GASKET, CYL HEAD COVER																

11213-1550	1	1	1	1												

: 12108 : CAP SUB ASSY, OIL FILLER																

(12108-1130)	1	1	1	-												
V 01																
12108-1100	1	1	1	1												



1000

CYLINDER HEAD

PART NUMBER	QUANTITY										REVISION					
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	REF.CODE

: 12281 : HANGER, ENG																

12281-1320	1	1	1	1												

: 76579 B : PLATE, CAUTION ENG																

76579-5260	1	1	1	1												

: 79993 : HOLDER, CLIP																

79993-2990	1	1	1	1												

: 9181 : BOLT																

9181-08350	1	1	1	1												

: 9191 : BOLT																

(9191-08352)	5	5	5	-												
V 01																
9191-08351	5	5	5	5												

: 9311 : STUD																

9311-08750	8	8	8	8												

: 9359 : STUD																

(9351-10380)	8	8	8	-												
V 01																
(9351-10380)	5	5	5	5												
V 01																
9359-10114	5	5	5	5												

: 9359 A : STUD																

(9351-10800)	3	3	3	-												
V 02																
(9369-10129)	3	3	3	3												
V 01																
9359-10115	3	3	3	3												

: 9401 : BOLT																

9401-10200	2	2	2	2												

: 9411 : BOLT																

9411-10401	4	4	4	4												

: 9639 A : PLUG, EXPANSION																

9639-14101	4	4	4	4												

: 9639 B : PLUG, EXPANSION																

9639-22107	4	4	4	4												

W04CT361

W04CT323
W04CT361

1000

CYLINDER HEAD

PART NUMBER	QUANTITY															REVISION	
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	REF. CODE	
A RB145KA (AEA, AGA)																	
B RB145KA-AGN																	
C RB145KA (AHA, AKA, ANA)																	
D RB145KA-AGK																	

: 9639 C :																	
PLUG, EXPANSION																	

9639-24103	4	4	4	4													

: 9639 D :																	
PLUG, EXPANSION																	

9639-26102	4	4	4	4													

: 9639 E :																	
PLUG, EXPANSION																	

9639-30105	4	4	4	4													

: 9639 F :																	
PLUG, EXPANSION																	

9639-50103	1	1	1	1													

: 9800 :																	
BALL, STEEL																	

9800-05080	4	4	4	4													