

Product: Honda VFR400R Motorcycle Parts Manual

Full Download: <https://www.arepairmanual.com/downloads/honda-vfr400r-motorcycle-parts-manual/>

SubMag/VFR List Microfiche & Manuals Electronic Reader Project

The microfiche and manuals contained herein are provided as a service to the Internet mailing-list community for non-commercial use only. No warranties, express or implied, are given for the accuracy of this material. All materials contained on this CD are in Adobe Portable Document Format (PDF). You may freely copy this information provided it is used in its entirety and includes this message. The free Adobe Acrobat Reader® for each of the supported computer platforms is included to allow reading. Separate license agreements are provided for this software by Adobe and included in the installation package.

Back to
Index

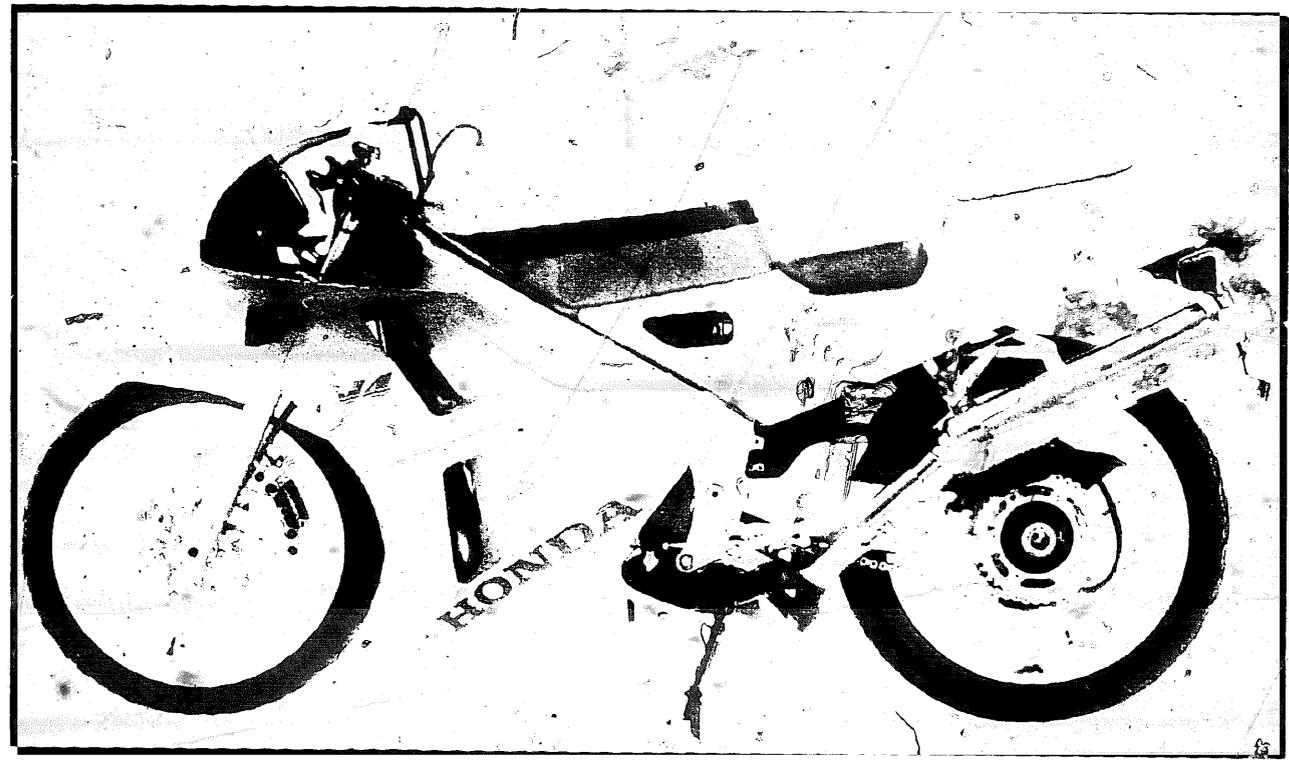
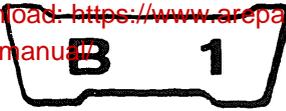
Continue
To next page

Sample of manual. Download All 121 pages at:

<https://www.arepairmanual.com/downloads/honda-vfr400r-motorcycle-parts-manual/>

Product: Honda VFR400R Motorcycle Parts Manual

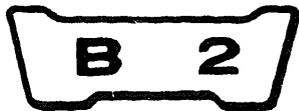
Full Download: <https://www.aresairmanual.com/downloads/honda-vfr400r-motocycle-parts-manual/>



VFR400RIII-E

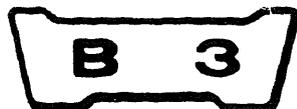
Sample of manual. Download All 121 pages at:

<https://www.aresairmanual.com/downloads/honda-vfr400r-motorcycle-parts-manual/>



CONTENTS

	Address No.
●Model photograph	B 1
●Instruction for use of parts catalogue ...	B 3
I . How to order parts	B 3
II . How to read this parts catalogue	B 3
III . How to use the flat rate time (F.R.T.)	B 12
●Engine group contents	B 14
●Frame group contents	C 1
●Engine group	D 1
●Frame group	G 1
●Part No. index	K 1
●Part name index	L 1



INSTRUCTION FOR USE OF PARTS CATALOGUE

This parts catalogue is compiled all service parts and flat rate time (F.R.T.) for models VFR400RIIIc and VFR400RIIIe.

I. How to order parts

1. Information required

Replacement parts orders must contain both the **part number** and the **stamped number (s)** as described below. This is because any changes and modifications of parts are registered at HONDA with the pertinent parts and stamped numbers.

Numbers needed:

- (a) Carburetor parts: Part number and
Stamped carburetor identification number
- (b) Engine parts: Part number and
Stamped engine number
- (c) Frame parts: Part number and
Stamped frame number

2. Revisions

When modifications or additions to this parts catalogue are made, a revised edition will be issued at an appropriate time, with successively progressing revision numbers on the cover.

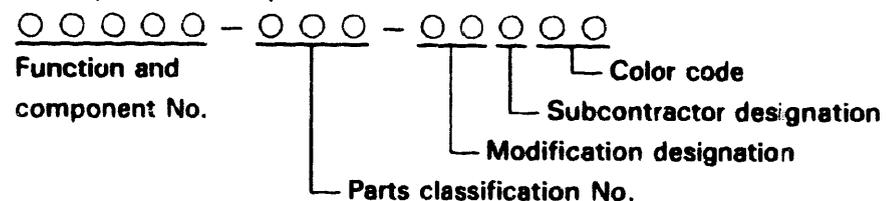
We recommend obtaining such revisions in order to keep your parts catalogue up-to-date at all times. To check whether a parts catalogue revision has been issued, please contact your HONDA distributor.

The asterisk (*) in front of "Ref. No." indicates that the part No. is added or changed against the previous edition.

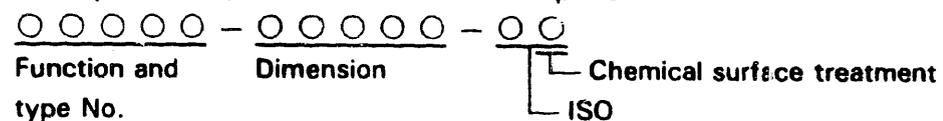
II. How to read this parts catalogue

1. Make-up of the part number

(Example) General parts



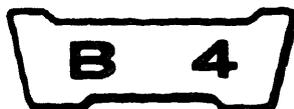
(Example) Bolts, nuts and other standard parts



2. Color codes

The color code at the end of the part number indicates the color. Codes below ZA in alphabetical order (such as ZA, ZB, ZC, etc.) do not indicate the color directly, but reference must be made to the HONDA code given in the "Description" column of this parts catalogue.

Color code	Color description
HONDA code	
NH1	Black
NH1L	Black
NH196	Ross white
NH236M	Sparkle frost silver metallic
NH249	Mat works gray
PB200	Dakar blue
R112L	Factory red
R134	Fighting red
YR147M	Max brown metallic



3. Abbreviations

The following abbreviations are used in this parts catalogue.

ASSY. Assembly	L.E.D Light emitted diode
COMP. Complete	MPH Miles per hour
R. Right	L (100L) Link (100Links)
L. Left	A.C. Alternating current
STD. Standard	D.C. Direct current
MM Millimeter	IN. Inlet
G Gram	EX. Exhaust
T (22T) Tooth (22Teeth)	FR. Front
A Ampere	RR. Rear
V Volt	HEX. Hexagonal
W Watt	A.M. Attaching mark
WL With labelling	T.M. Transcript mark
WOL Without labelling	C.D.I. Capacitive discharge ignition
KPH Kilometers per hour	

4. Dimensions

All dimensions are given in millimeters (mm) except in the case of steel balls, tires and tire tubes.

Parts	Example	Interpretation
Bolt (Screw)	6 x 12	6mm diameter, 12mm length
Pir.	8 x 14	8mm diameter, 14mm length
O-Ring	9.5 x 1.6	9.5mm diameter, 1.6mm thickness
Oil seal	14 x 24 x 5	14mm inside diameter, 24mm outside diameter, 5mm thickness
Tube	5 x 130	5mm inside diameter, 130mm length

5. Supersedence of parts

Part numbers given under the part name in the "Description" column indicate that the part number has been superseded by that part number. HONDA may make such supersedence without notice.

6. Assemblies

Sections framed with broken lines in the exploded view drawings are available as complete assemblies. (Their individual parts can also be obtained.)

7. Required quantity

The number given in the "Reqd. No." column indicates the quantity of parts used in the section described in that block.

Parts with quantities in () represent optional parts.

Part whose required number is "N", is part whose required number can be selected at need.

8. Part modifications and applicable serial numbers

In cases where a part has been modified, the serial number of the first vehicle (or frame, engine, carburetor) bearing the modification is listed in the "Serial No." column.

9. Illustration

Illustration of parts given in parts catalogue diagrams are provided for convenience in identifying parts and may differ from the actual configuration of parts.

* (),) appended to the title number of this text means that the same title number continues from the previous page.

B 5

10. Models, area codes and applicable serial numbers

Models, area codes and applicable serial Nos. given in this parts catalogue can be identified as follows.

Parts with area codes are exclusive for models destined for countries designated. If no area codes are listed, parts are for common use.

Model	Area code	Type	Applicable engine serial No.	Applicable frame serial No.	Applicable carburetor identification No.
VFR400RIIIL	AR	Austria	NC13E-2100009~	NC30-2000009~	VDE3C
	E	England	NC13E-2100007~	NC30-2000006~	VDE3B
VFR400RIIIM	AR	Austria	NC13E-2200006~	NC30-2100006~	VDE3G
	E	England	NC13E-2200001~	NC30-2100001~	VDE3F
	F	France	These types are not yet produced.		
	G	Germany			

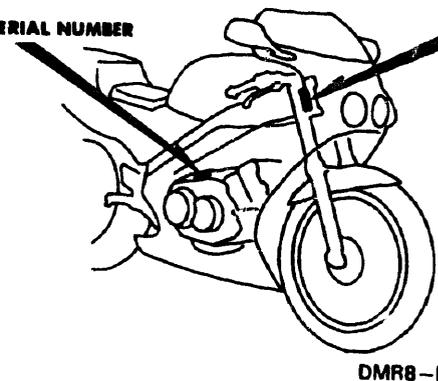
* Of carburetor identification numbers, only the portions underlined in the example below are used for registration.

VDE3B KC 7

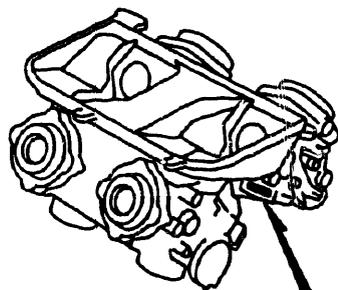
11. Location of stamped serial number

ENGINE SERIAL NUMBER

FRAME SERIAL NUMBER



DMR8-B



DMR8-C

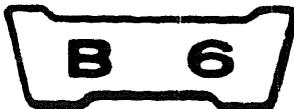
CARBURETOR IDENTIFICATION NUMBER

12. Selection table for lock or blank key

Refer to the following selection table to select the lock or blank key.

Type	Key No.
TYPE 1	A** , B**
TYPE 2	C** , D**

*: 0, 1, 2, 3, 4, 5, 6, 7, 8 or 9

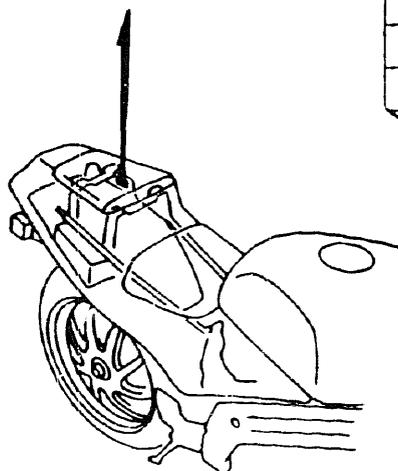


13. Color label

- When ordering parts, check the model name, main color, and code by observing the COLOR LABEL on the vehicle.
- When ordering a colored part, use the Color Chart in the INSTRUCTION FOR USE OF PARTS CATALOGUE.

VFR400RIII (L)
COLOR NH-196
CODE NH196K

		MODEL	VFR400RIII (L)			
		COLOR	Ross white NH-196	Applicable model		Applicat address No
		CODE	NH196H	Initial applicable model	Final applicable model	
No.	Name of colored parts	Basic part No.				
1	BRIDGE COMP., FORK TOP	53300-MR8-000	ZA			68
2	CASE COMP., L. BOTTOM	51521-MR8-003	ZA			
3	CASE COMP., R. BOTTOM	51421-MR8-003	ZA			
4	COVER ASSY	57711-MR8-000	ZA			



DMR8-A

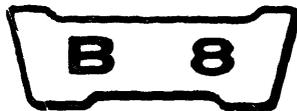


14. Color chart

- When ordering a colored part, refer to the chart below and use a part number consisting of the relevant basic part number to which has been added a part color code.
(e.g. If a COVER ASSY., R. SIDE whose main color is ross white is required → 83611-MR8-000ZA)
- Stripes and labels other than caution labels are included in parts whose part name end in WL.
- Stripes and labels are not included in parts whose part name end in WOL.

VFR400RIII L NC30-2000006~

No.	MODEL		VFR400RIII L			
	COLOR		Ross white NH-196	Applicable model		Applicable address No.
	CODE		NH196K	Initial applicable model	Final applicable model	
	Name of colored parts	Basic part No.				
1	BRIDGE COMP., FORK TOP	53300-MR8-000	ZA			G8
2	CASE COMP., L. BOTTOM	51521-MR8-003	ZA			G12
3	CASE COMP., R. BOTTOM	51421-MR8-003	ZA			G11
4	COVER ASSY., L. SIDE (WL)	83711-MR8-000	ZA			H8
5	COVER ASSY., R. SIDE (WL)	83611-MR8-000	ZA			H8
6	COWL ASSY., FR. UPPER	64202-MR8-600	ZA			I14
7	COWL ASSY., L. LOWER (WL)	64361-MR8-600	ZA			I14
8	COWL ASSY., R. LOWER (WL)	64351-MR8-600	ZA			I14
9	COWL SET A, RR. (WL)	77205-MR8-600	ZA			H7
10	COWL, INNER HALF	64270-MR8-000	ZA			I14
11	COWL, RR. (B)	77210-MR8-600	ZA			H7
12	FENDER COMP., FR.	61100-MR8-000	ZB			G10
13	FORK ASSY., L. FR.	51500-MR8-601	ZA			G11
14	FORK ASSY., R. FR.	51400-MR8-601	ZA			G11
15	LABEL, COLOR	87565-MR8-600	ZA			J1
16	LABEL, FUEL	87586-MR6-670	ZA			J1
17	LID ASSY., L. COWL SIDE (WL)	64366-MR8-600	ZA			I15
18	LID ASSY., R. COWL SIDE (WL)	64356-MR8-600	ZA			I14
19	MARK A, UPPER COWL	64226-MR8-300	ZA			J2
20	MARK B, RR. COWL	77226-MR8-300	ZA			J2



VFR400RIII: NC30-2000006~

No.	MODEL		VFR400RIII (L)			
	COLOR		Ross white NH-196	Applicable model		Applicable address No.
	CODE		NH196K	Initial applicable model	Final applicable model	
	Name of colored parts	Basic part No.				
21	MARK, DRIVE CAUTION	87560-ME9-670	ZA			J1
22	MARK, L. FUEL TANK	17532-MR8-300	ZA			J2
23	MARK, L. LOWER COWL	64274-MR8-300	ZA			J2
24	MARK, L. SIDE COWL	77231-MR8-300	ZA			J3
25	MARK, R. FUEL TANK	17531-MR8-300	ZA			J2
26	MARK, R. LOWER COWL	64273-MR8-300	ZA			J2
27	MARK, R. SIDE COWL	77230-MR8-300	ZA			J3
28	MIRROR, L. BACK	88120-MR8-600	ZA			I16
29	MIRROR, R. BACK	88110-MR8-600	ZA			I15
30	PLATE, SIDE COVER	83604-KV3-770	ZC			H7
31	PLATE, SIDE COVER	83604-MR8-000	ZA			H7
32	SEAT COMP., MAIN	77100-MR8-003	ZA			H7
33	SEAT COMP., PILLION	77150-MR8-003	ZA			H7
34	STRIPE, FUEL TANK	17508-MR8-300	ZA			J2
35	STRIPE, L. LOWER COWL	64272-MR8-300	ZA			J2
36	STRIPE, L. SIDE COWL (A)	77217-MR8-300	ZA			J2
37	STRIPE, L. SIDE COWL (D)	77222-MR8-300	ZA			J2
38	STRIPE, R. LOWER COWL	64271-MR8-300	ZA			J2
39	STRIPE, R. SIDE COWL (A)	77216-MR8-300	ZA			J2
40	STRIPE, R. SIDE COWL (D)	77221-MR8-300	ZA			J2
41	TANK ASSY., FUEL (WL)	17506-MR8-010	ZA			H5
42	WHEEL SET, FR.	44650-MR8-305	ZA			G15
43	WHEEL SET, RR.	42650-MR8-305	ZA			H3



VFR400RIIM NC30-2100001 ~ ----AR, E

VFR400RIIM These types are not yet produced.----F, G

No.	MODEL		VFR400RIIM			
	COLOR		Ross white NH-196	Applicable model		Applicable address No.
	CODE		NH196H	Initial applicable model	Final applicable model	
	Name of colored parts	Basic part No.				
1	BRIDGE COMP., FORK TOP	53300-MR8-000	ZA			G8
2	CASE COMP., L. BOTTOM	51521-MR8-003	ZB			G12
3	CASE COMP., R. BOTTOM	51421-MR8-003	ZB			G11
4	COVER ASSY., L. SIDE (WL)	83711-MR8-780	ZA			H8
5	COVER ASSY., R. SIDE (WL)	83611-MR8-780	ZA			H8
6	COWL ASSY., FR. UPPER (WL)	64202-MR8-740	ZA			I14
7	COWL ASSY., L. LOWER (WL)	64361-MR8-740	ZA			I14
8	COWL ASSY., R. LOWER (WL)	64351-MR8-740	ZA			I14
9	COWL SET A, RR. (WL)	77205-MR8-600	ZA			H7
10	COWL, INNER HALF	64270-MR8-000	ZA			I14
11	COWL, RR. (B)	77210-MR8-600	ZA			H7
12	FENDER COMP., FR.	61100-MR8-000	ZB			G10
13	FORK ASSY., L. FR.	51500-MR8-601	ZB			G12
14	FORK ASSY., R. FR.	51400-MR8-601	ZB			G11
15	LABEL, COLOR	87565-MR8-740	ZA			J1
16	LABEL, FUEL	87586-MR6-670	ZA			J1
17	LID ASSY., L. COWL SIDE (WL)	64366-MR8-740	ZA			I15
18	LID ASSY., R. COWL SIDE (WL)	64356-MR8-740	ZA			I14
19	MARK A, UPPER COWL	64226-MR8-780	ZA			J4
20	MARK B, RR. COWL	77226-MR8-300	ZA			J5

B 10

VFR400RIIM NC30-2100001 ~-----AR, E

VFR400RIIM These types are not yet produced.-----F, G

No.	MODEL		VFR400RIIM			
	COLOR		Ross white NH-196	Applicable model		Applicable address No.
	CODE		NH196H	Initial applicable model	Final applicable model	
	Name of colored parts	Basic part No.				
21	MARK B, UPPER COWL	64217-MR8-780	ZA			J4
22	MARK, DRIVE CAUTION	87560-ME9-670	ZA			J1
23	MARK, L. COWL LID (A)	64222-MR8-780	ZA			J4
24	MARK, L. COWL LID (B)	64229-MR8-780	ZA			J4
25	MARK, L. FUEL TANK	17532-MR8-780	ZA			J4
26	MARK, L. LOWER COWL (A)	64272-MR8-780	ZA			J4
27	MARK, L. LOWER COWL (B)	64274-MR8-780	ZA			J4
28	MARK, L. SIDE COVER	77220-MR8-780	ZA			J5
29	MARK, R. COWL LID (A)	64221-MR8-780	ZA			J4
30	MARK, R. COWL LID (B)	64228-MR8-780	ZA			J4
31	MARK, R. FUEL TANK	17531-MR8-780	ZA			J4
32	MARK, R. LOWER COWL (A)	64271-MR8-780	ZA			J4
33	MARK, R. LOWER COWL (B)	64273-MR8-780	ZA			J4
34	MARK, R. SIDE COVER	77219-MR8-780	ZA			J5
35	MIRROR, L. BACK	88120-MR8-600	ZA			I16
36	MIRROR, R. BACK	88110-MR8-600	ZA			I15
37	PLATE, SIDE COVER	83603-MR8-780	ZA			H7
38	PLATE, SIDE COVER	83604-MR8-780	ZA			H7
39	SEAT COMP., MAIN	77100-MR8-003	ZA			H7
40	SEAT COMP., PILLION	77150-MR8-003	ZA			H7

B 11

VFR400RIII M NC30-2100001 ~-----AR, E

VFR400RIII M These types are not yet produced.-----F, G

No.	MODEL		VFR400RIII M			
	COLOR		Ross white NH-196	Applicable model		Applicable address No.
	CODE		NH196H	Initial applicable model	Final applicable model	
	Name of colored parts	Basic part No.				
41	STRIPE, L. COWL LID (A)	64231-MR8-780	ZA			J4
42	STRIPE, L. COWL LID (B)	64233-MR8-780	ZA			J4
43	STRIPE, L. SIDE COVER (A)	77217-MR8-780	ZA			J5
44	STRIPE, L. SIDE COVER (B)	77222-MR8-780	ZA			J5
45	STRIPE, R. COWL LID (A)	64230-MR8-780	ZA			J4
46	STRIPE, R. COWL LID (B)	64232-MR8-780	ZA			J4
47	STRIPE, R. SIDE COVER (A)	77216-MR8-780	ZA			J4
48	STRIPE, R. SIDE COVER (B)	77221-MR8-780	ZA			J5
49	TANK ASSY., FUEL (WL)	17520-MR8-780	ZA			H5
50	WHEEL SET, FR.	44650-MR8-305	ZA			G15
51	WHEEL SET, RR.	42650-MR8-305	ZA			H3

III. How to use the flat rate time (F.R.T.)

This F.R.T. (Flat Rate Time) is used to determine the standard labor time allowed for replacement of parts covered by the warranty during the period the warranty is in effect. The F.R.T. for those parts which are not listed herein should be determined from the operation closely related to the replacement of that part.

The F.R.T. is based on the following servicing conditions

- a. A liberal allowance is added to the net servicing time.
- b. Standard times specified are based on the condition that the necessary servicing tools listed in the service manual (motorcycle) which describes the HONDA service policy are available close at hand and the work performed by a mechanic with normal skill.
- c. Time required for inspection and operational test following the servicing is included in the F.R.T.

2. Method of computing

The job times are listed in tenth of an hour to simplify computation.

- (Example) 0.3 = 18 minutes
- 5.6 = 5 hours and 36 minutes

CONVERSION CHART			
Hours	Minutes	Hours	Minutes
0.1	6	0.6	36
0.2	12	0.7	42
0.3	18	0.8	48
0.4	24	0.9	54
0.5	30	1.0	60

3. Computing the F.R.T.

When several jobs are performed at the same time, make the calculation in the following manner.

a. Jobs of non duplicated nature

The F.R.T. for the job is obtained by totalling the F.R.T. for each part replaced. (Example) Replacement of cylinder head and clutch spring.

Service item	F.R.T.
Cylinder head	6.2
Clutch spring	1.1

The F.R.T. for the job is: $6.2 + 1.1 = 7.3$

b. Jobs of duplicated nature

Take the F.R.T. for the last part to be replaced.

(Example) Replacement of piston and cylinder head gasket.

Service item	F.R.T.
Cylinder head gasket	4.2
Piston	*8.9

The F.R.T. for the job is: 8.9

c. Jobs of partially related nature

Total up the F.R.T. for all of the parts replaced and then subtract the F.R.T. for the duplicated operation.

(Example) Replacement of mainshaft and crankshaft assembly.

Service item	F.R.T.
Mainshaft	* 7.1
Crankshaft	*10.3
Crankcase disassembly	* 6.8

The F.R.T. for the job is: $(7.1 + 10.3) - 6.8 = 10.6$

Crankcase disassembly is the duplicated operations.

● The F.R.T. shown with (*) includes engine removal and installation.

4. Operations other than replacing parts

a. Removal and installation

No.	Service item	F.R.T.
1	Engine	4.1
2	Cylinder head	4.2
3	Carburetor	1.0
4	Radiator	0.7

b. Adjustment, measurement and cleaning

Engine

No.	Service item	F.R.T.
1	Spark plug-adjustment and cleaning	0.5
2	Tappet adjustment	2.6
3	Carburetor idle-adjustment	0.1
4	Engine oil-inspection (excluding oil change)	0.1
5	Compression-pressure measurement	0.7
6	Battery-checking of electrolyte level and gravity	0.3
7	Carburetor-float level measurement	1.4
8	Oil strainer cleaning	1.3
9	Throttle operation-adjustment	0.1
10	Carburetor synchronization-adjustment	0.7
11	Exterior of radiator corecleaning	0.4

Frame

No.	Service item	F.R.T.
1	Front brake-air bleeding	0.2
2	Rear brake-air bleeding	0.2
3	Brake-operation test	0.1
4	Headlight-aimings	0.2
5	Front wheel balance	0.9
6	Rear wheel balance	0.7

c. Overhaul

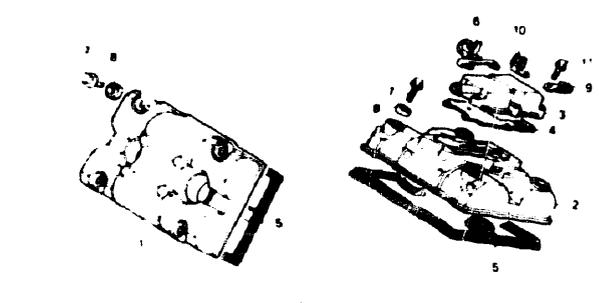
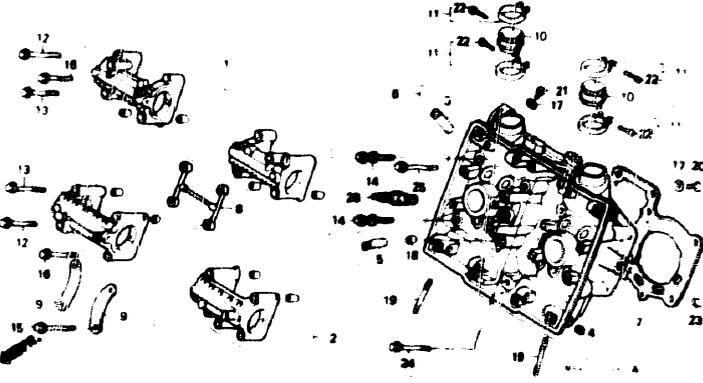
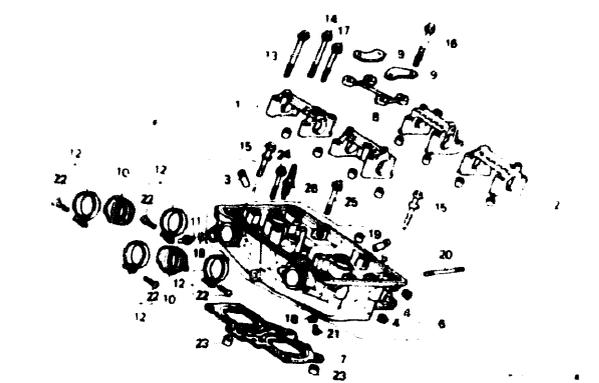
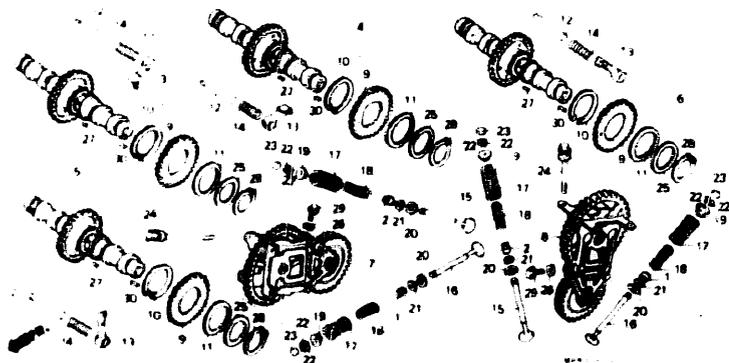
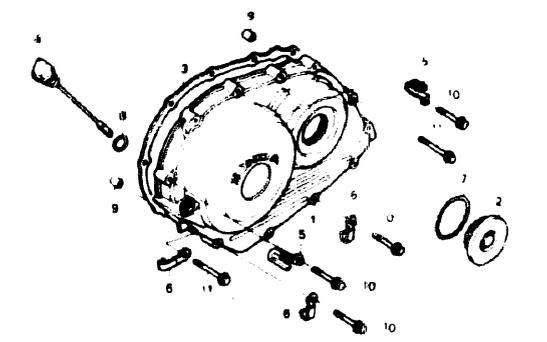
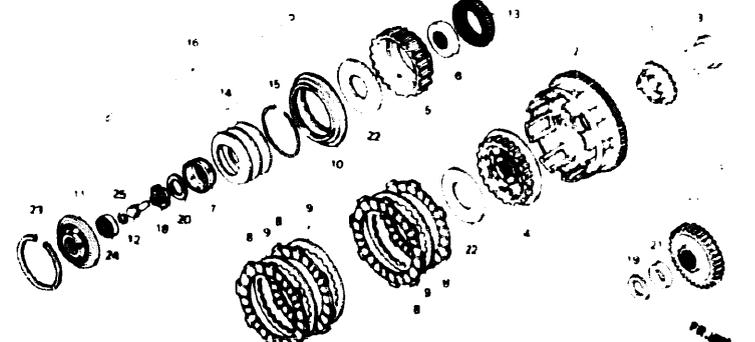
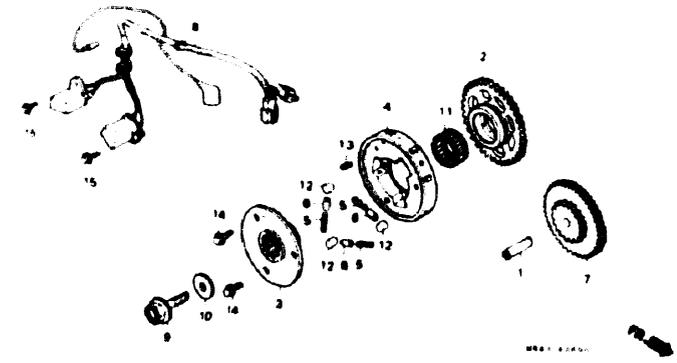
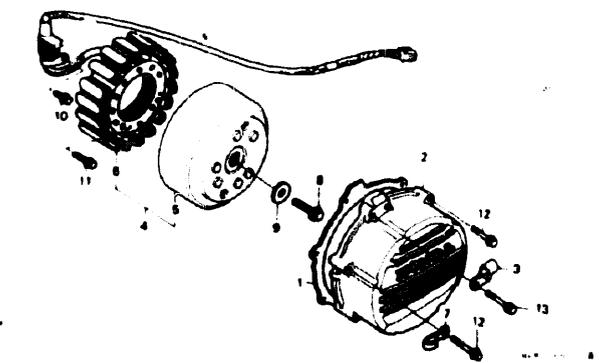
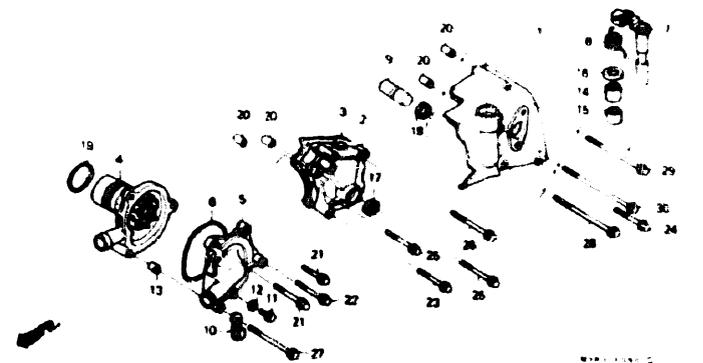
No.	Service item	F.R.T.
1	Carburetor	3.0

● This parts catalogue is compiled as of May 1, 1991.

B 14

ENGINE GROUP

● Ref. No. on the index illustration may be different from that in the text.

E-1	D1	E-2	D2	E-2-1	D4
					
E-3	D6	E-4	D12	E-5	D13
					
E-6	D14	E-7	D15	E-8	D16
					

B 15

ENGINE GROUP

● Ref. No. on the index illustration may be different from that in the text.

B 16

ENGINE GROUP

● Ref. No. on the index illustration may be different from that in the text.

EOP-1	EOP-2	F2

C 1

FRAME GROUP

● Ref. No. on the index illustration may be different from that in the text.

<p>F-1</p>	<p>G1</p>	<p>F-2</p>	<p>G2</p>	<p>F-3</p>	<p>G4</p>
<p>F-4</p>	<p>G6</p>	<p>F-5</p>	<p>G8</p>	<p>F-6</p>	<p>G9</p>
<p>F-7</p>	<p>G10</p>	<p>F-8</p>	<p>G11</p>	<p>F-9</p>	<p>G13</p>

C 2

FRAME GROUP

● Ref. No. on the index illustration may be different from that in the text.

<p>F-10</p>	<p>G15</p>	<p>F-11</p>	<p>G16</p>	<p>F-12</p>	<p>H1</p>
<p>F-13</p>	<p>H3</p>	<p>F-14</p>	<p>H5</p>	<p>F-15</p>	<p>H7</p>
<p>F-16</p>	<p>H9</p>	<p>F-17</p>	<p>H10</p>	<p>F-18</p>	<p>H11</p>

C 4

FRAME GROUP

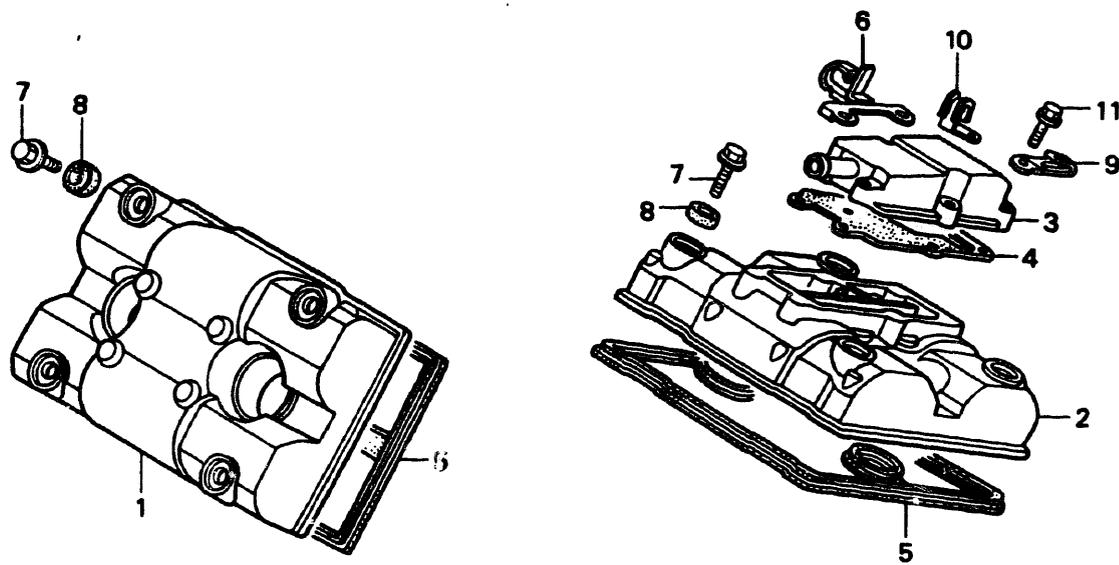
● Ref. No. on the index illustration may be different from that in the text.

<p>F-28 19</p>	<p>F-29 111</p>	<p>F-30 112</p>
<p>F-31 114</p>	<p>F-32 J1</p>	<p>F-33 J2</p>
<p>F-33-1 J4</p>		

D 1

E-1

Cylinder head cover



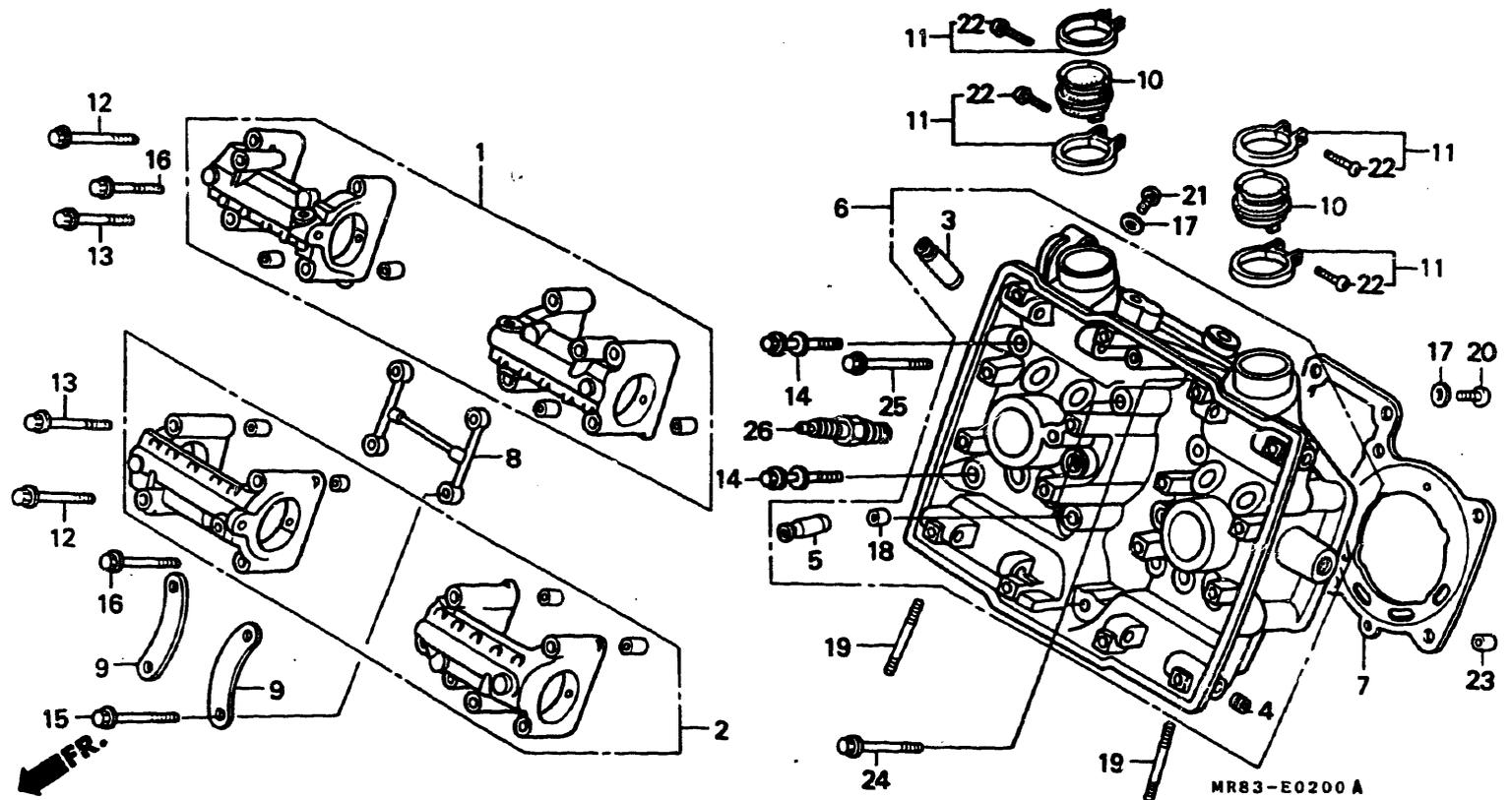
MR83-E0100

Service item	F.R.T.	Ref. No.	Part No.	Description	Reqd. No.		Serial No.	Area code
					VFR400R	3L 3M		
COVER, FR. CYLINDER HEAD.....	1.1	1	12311-MR8-000	COVER, FR. CYLINDER HEAD.....	1	1		
COVER, RR. CYLINDER HEAD.....	0.6	2	12321-MR8-000	COVER, RR. CYLINDER HEAD.....	1	1		
.COVER, BREATHER		3	12331-MR8-000	COVER, BREATHER.....	1	1		
GASKET, CYLINDER HEAD COVER....	0.5	4	12332-MLO-721	GASKET, BREATHER COVER.....	1	1		
(FR.CYLINDER SIDE 1.1)		5	12391-MR8-000	GASKET, CYLINDER HEAD COVER...	2	2		
		6	32905-MR8-000	CORD HOLDER, CYLINDER HEAD....	1	1		
		7	90002-MLO-000	BOLT, HEAD COVER.....	8	8		
		8	90543-MLO-720	RUBBER, MOUNTING.....	8	8		
		9	91413-679-000	CLIP, 2X70.....	1	1		
		10	91450-MR8-000	CLAMP, HIGH TENSION CORD.....	1	1		
		11	96001-06025-07	BOLT, FLANGE, 6X25.....	6	6		

D 2

E - 2

Cylinder head (Front)

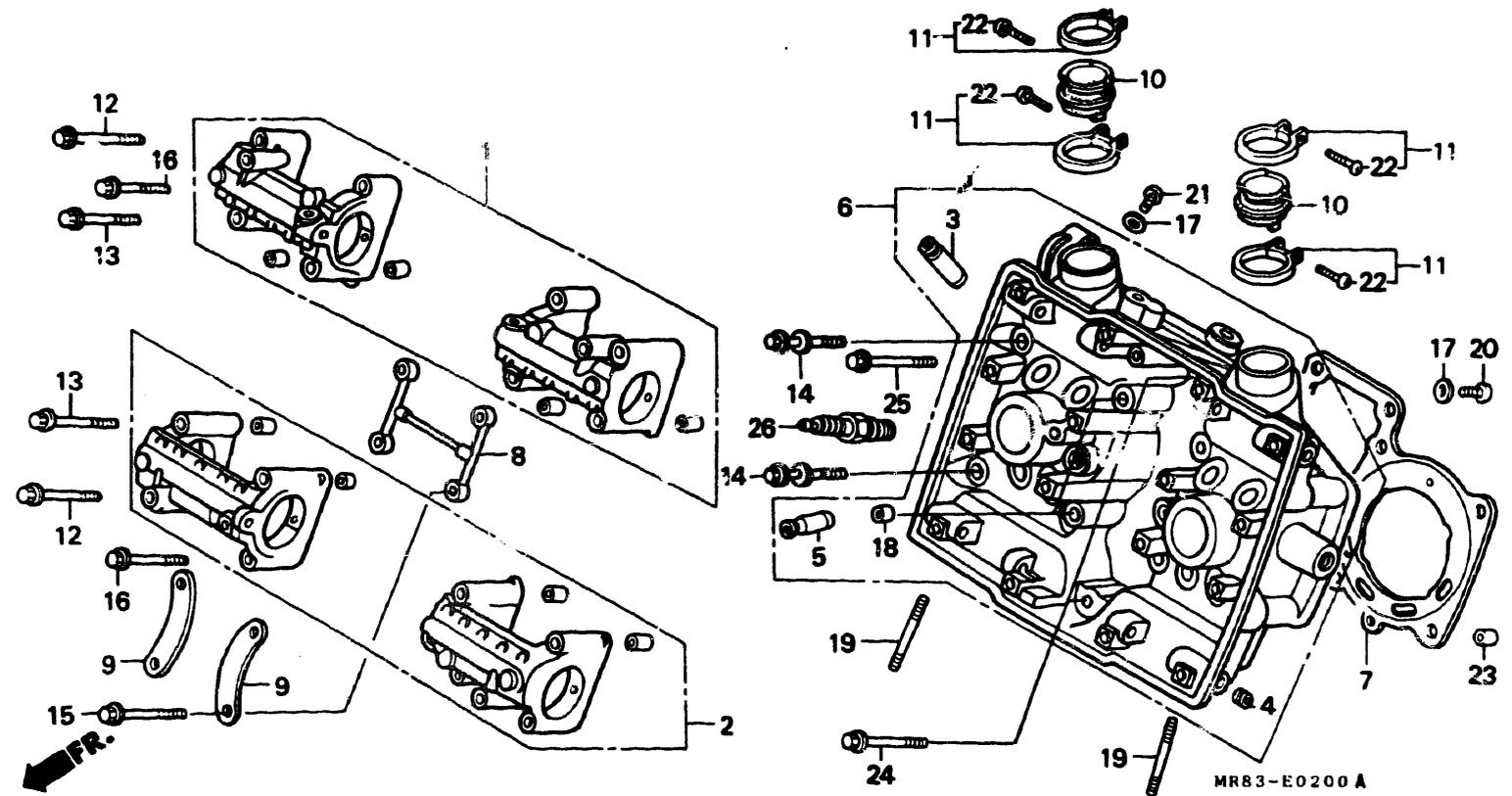


Service item	F.R.T.	Ref. No.	Part No.	Description	Reqd. No.		Serial No.	Area code
					VFR100R	3L 3H		
HOLDER SET, CAMSHAFT..... (ADD 0.4 FOR EACH.)	1.8	1	12011-MR8-305	HOLDER SET, CAMSHAFT (AB).....	1	1		
		2	12012-MR8-305	HOLDER SET, CAMSHAFT (CD).....	1	1		
GUIDE, VALVE..... (INC. REAMING)	5.0	3	12204-MLO-305	GUIDE, VALVE (O.S.).....	4	4		
(ADD 0.3 FOR EACH.)		4	12205-MR8-300	PLUG, SEALING SPECIAL.....	4	4		
(EXC. VALVE REFACING) - (ADD MORE 0.2 IF PERFORMED.)		5	12206-MLO-305	GUIDE, EX. VALVE (O.S.).....	4	4		
HEAD COMP., FR. CYLINDER.....	6.2	6	12210-MR8-000	HEAD COMP., FR. CYLINDER.....	1	1		
GASKET, CYLINDER HEAD.....	4.2	7	12251-MR8-601	GASKET, CYLINDER HEAD.....	1	1		
PIPE COMP., OIL PATH.....	1.1	8	15330-MLO-000	PIPE COMP., OIL PATH.....	1	1		
INSULATOR, CARBURETOR..... (ADD 0.1 FOR EACH.)	0.8	9	15331-MR8-000	PLATE, OIL PATH PIPE.....	2	2		
		10	16211-MLO-720	INSULATOR, CARBURETOR.....	2	2		
PLUG, SPARK..... (ADD 0.1 FOR EACH.)	0.3	11	16219-KE7-010	BAND, INSULATOR.....	4	4		
		12	90001-MR8-000	BOLT, SPECIAL, 6X64.....	4	4		
		13	90004-ML7-000	BOLT, FLANGE, 6X60.....	4	4		
		* 14	90011-MR8-003	BOLT, FLANGE, 8X83.....	4	4		
		15	90018-MA6-000	BOLT, FLANGE, 6X77.....	4	4		
		16	90102-KE5-000	BOLT, FLANGE, 6X40.....	4	4		
		17	90452-323-000	WASHER, THRUST, 5MM.....	2	2		
		18	90702-MJ4-000	PIN, DOWEL, 10X10.....	2	2		
		19	92900-06020-0E	BOLT 2, STUD, 6X20.....	4	4		
		20	93500-05006-0G	SCREW, PAN, 5X6.....	1	1		
		21	93500-05020-0G	SCREW, PAN, 5X20.....	1	1		
		22	93516-05025-0G	SCREW, PAN, 5X25.....	4	4		
		23	94301-10160	PIN, DOWEL, 10X16.....	2	2		
		24	95701-06045-08	BOLT, FLANGE, 6X45.....	2	2		
		25	95701-06060-08	BOLT, FLANGE, 6X60.....	1	1		
			1991.05.01	E		D2		

D 3

E-2

Cylinder head (Front)



Service item

F.R.T.

Ref. No.

Part No.

Description

Reqd. N.
VFR100R
PL JM

Serial No.

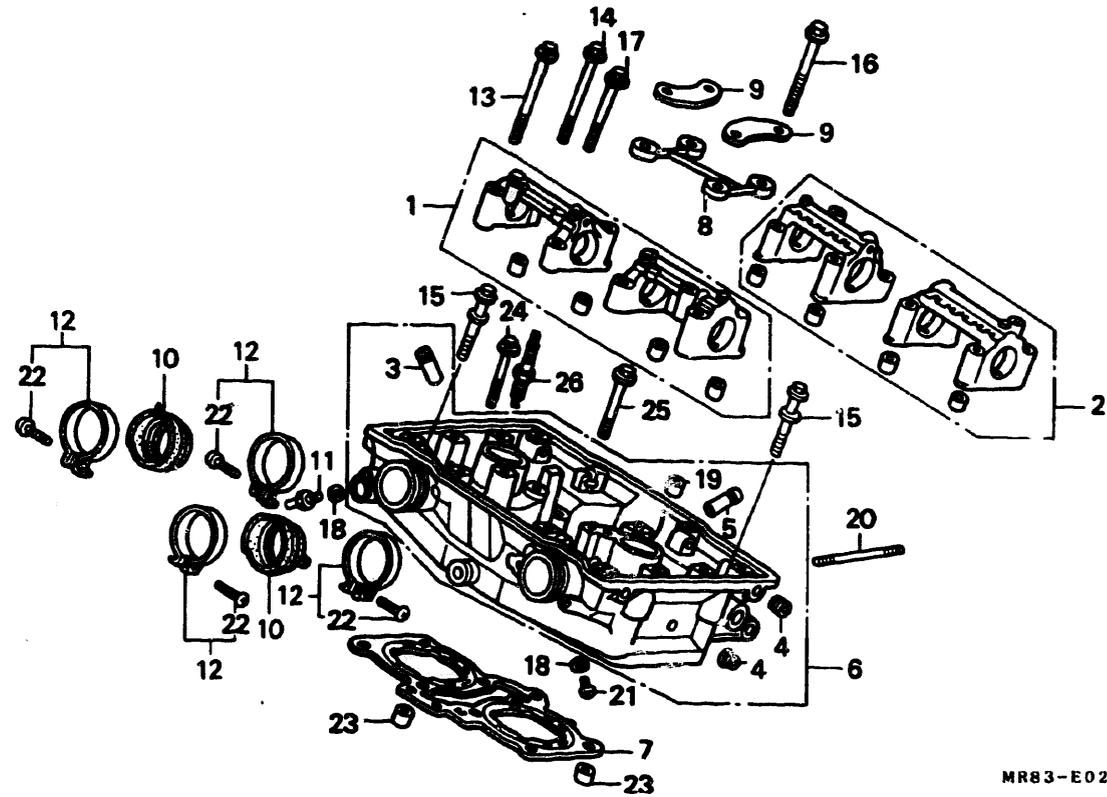
Area code

26	98049-58716	PLUG, SPARK (ER8EH NGK).....	(2)(2)		
	98049-58726	PLUG, SPARK (Y24FER ND).....	(2)(2)		
	98049-59716	PLUG, SPARK (ER9EH NGK).....	2 2		
	98049-59726	PLUG, SPARK (Y27FER ND).....	2 2		
	98049-60716	PLUG, SPARK (ER10EH NGK).....	(2)(2)		
	98049-60726	PLUG, SPARK (Y31FER ND).....	(2)(2)		

D 4

E-2-1

Cylinder head (Rear)



MR83-E0201 A

Service item	F.R.T.	Ref. No.	Part No.	Description	Reqd. No.		Serial No.	Area code
					VFR400R			
					1L	1M		
HOLDER SET, CAMSHAFT.....	1.3	1	12011-MR8-305	HOLDER SET, CAMSHAFT (AB).....	1	1		
(ADD 0.4 FOR EACH.)		2	12012-MR8-305	HOLDER SET, CAMSHAFT (CD).....	1	1		
GUIDE, VALVE.....	5.5	3	12204-MLO-305	GUIDE, VALVE (O.S.).....	4	4		
(INC. REAMING)		4	12205-MR8-300	PLUG, SEALING SPECIAL.....	4	4		
(ADD 0.3 FOR EACH.)		5	12206-MLO-305	GUIDE, EX. VALVE (O.S.).....	4	4		
(EXC. VALVE REFACING)		6	12220-MR8-000	HEAD COMP., RR. CYLINDER.....	1	1		
(ADD MORE 0.2 IF PERFORMED.)		7	12251-MR8-601	GASKET, CYLINDER HEAD.....	1	1		
HEAD COMP., RR. CYLINDER.....	6.7	8	15330-MLO-000	PIPE COMP., OIL PATH.....	1	1		
GASKET, CYLINDER HEAD.....	4.7	9	15331-MR8-000	PLATE, OIL PATH PIPE.....	2	2		
PIPE COMP., OIL PATH.....	0.5	10	16211-MLO-720	INSULATOR, CARBURETOR.....	2	2		
INSULATOR, CARBURETOR.....	0.8	11	16214-MB0-000	JOINT, BOOST.....	1	1		
(ADD 0.1 FOR EACH.)		12	16219-KE7-010	BAND, INSULATOR.....	4	4		
PLUG, SPARK.....	0.1	13	90001-MR8-000	BOLT, SPECIAL, 6X64.....	4	4		
		14	90004-ML7-000	BOLT, FLANGE, 6X60.....	4	4		
		* 15	90011-MR8-003	BOLT, FLANGE, 8X83.....	4	4		
		16	90018-MA6-000	BOLT, FLANGE, 6X77.....	4	4		
		17	90102-KE5-000	BOLT, FLANGE, 6X40.....	4	4		
		18	90452-323-000	WASHER, THRUST, 5MM.....	2	2		
		19	90702-MJ4-000	PIN, DOWEL, 10X10.....	2	2		
		20	92900-06020-0E	BOLT 2, STUD, 6X20.....	4	4		
		21	93500-05006-0G	SCREW, PAN, 5X6.....	1	1		
		22	93516-05025-0G	SCREW, PAN, 5X25.....	4	4		
		23	94301-10160	PIN, DOWEL, 10X16.....	2	2		
		24	95701-06045-08	BOLT, FLANGE, 6X45.....	2	2		
		25	95701-06060-08	BOLT, FLANGE, 6X60.....	1	1		

1991.05.01

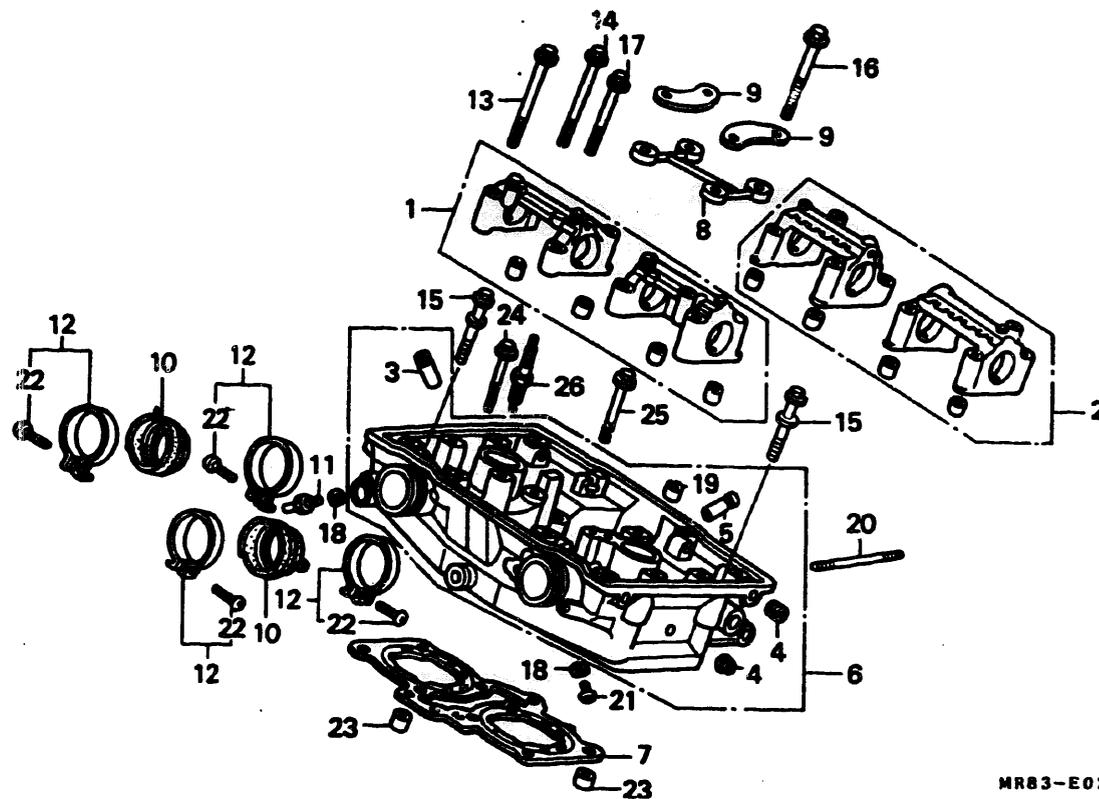
E

D4

D 5

E-2-1

Cylinder head (Rear)



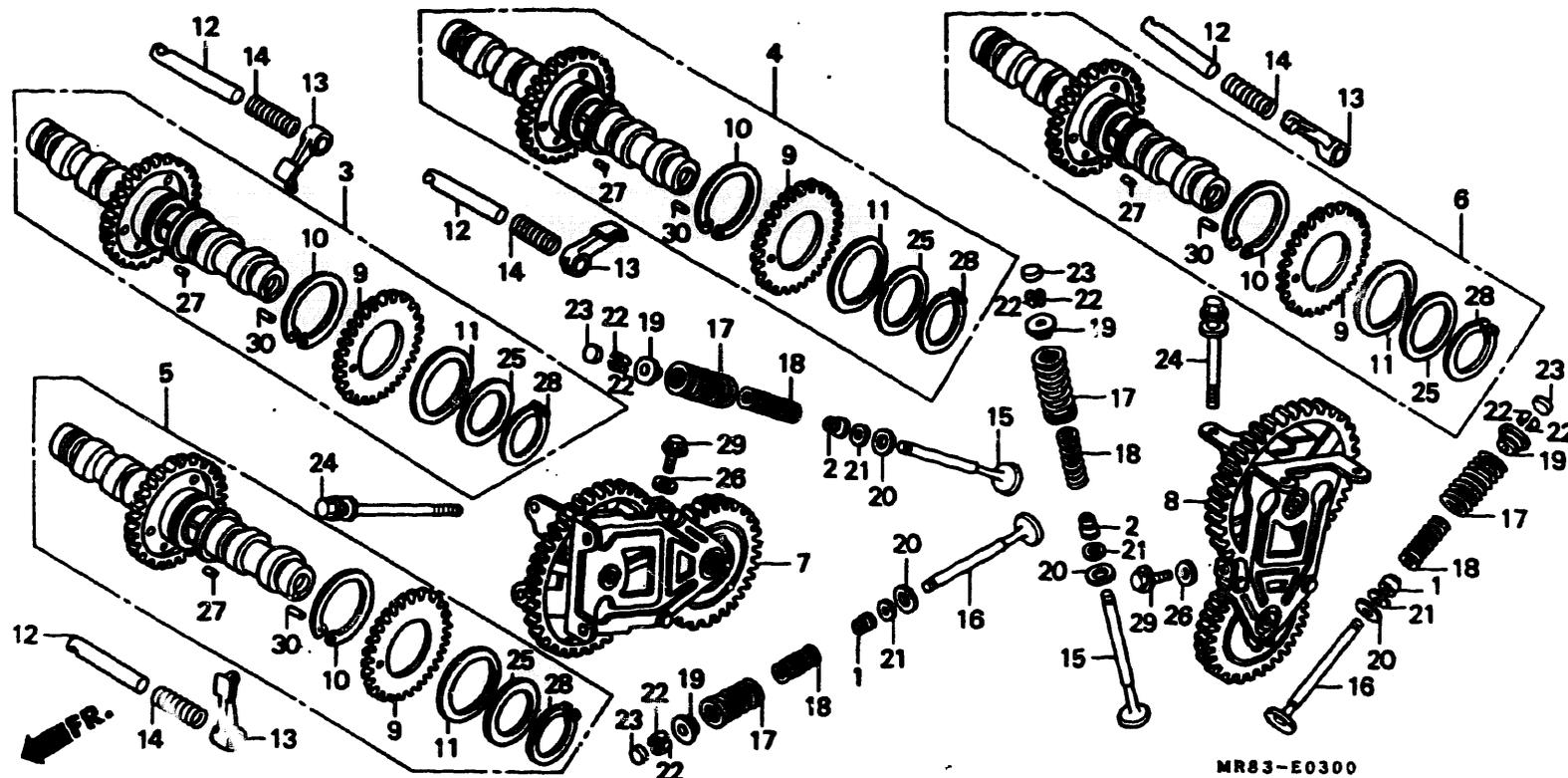
MR83-E0201A

Service item	F.R.T.	Ref. No.	Part No.	Description	Reqd. No. VFR100R 3L 3M	Serial No.	Area code
		26	98049-58716	PLUG, SPARK (ER8EH NGK).....	(2) (2)		
			98049-58726	PLUG, SPARK (Y24FER ND).....	(2) (2)		
			98049-59716	PLUG, SPARK (ER9EH NGK).....	2 2		
			98049-59726	PLUG, SPARK (Y27FER ND).....	2 2		
			98049-60716	PLUG, SPARK (ER10EH NGK).....	(2) (2)		
			98049-60726	PLUG, SPARK (Y31FER ND).....	(2) (2)		



E-3

Camshaft-Valve



Service item	F.R.T.	Ref. No.	Part No.	Description	Reqd. No.		Serial No.	Area code
					VFR100R	IL JM		
CAMSHAFT COMP., RR.....	1.4	1	12208-MLO-721	SEAL, EX. VALVE STEM (ARAI)...	8	8		
(FR.CYLINDER SIDE 1.9)		2	12209-MLO-722	SEAL, VALVE STEM (ARAI).....	8	8		
(ADD 0.4 FOR EACH.)		3	14110-MR8-000	CAMSHAFT COMP., FR. IN.....	1	1		
GEAR TRAIN COMP., FR.....	2.4	4	14120-MR8-000	CAMSHAFT COMP., RR. IN.....	1	1		
GEAR TRAIN COMP., RR.....	1.8	5	14130-MR8-000	CAMSHAFT COMP., FR. EX.....	1	1		
GEAR, CAMSHAFT.....	0.9	6	14140-MR8-000	CAMSHAFT COMP., RR. EX.....	1	1		
(FR.CYLINDER SIDE 1.5)		7	14410-MR8-000	GEAR TRAIN COMP., FR.....	1	1		
(ADD 0.3 FOR EACH.)		8	14420-MR8-000	GEAR TRAIN COMP., RR.....	1	1		
ARM, VALVE ROCKER.....	1.1	9	14446-MR8-300	GEAR, CAMSHAFT (B).....	4	4		
(FR.CYLINDER SIDE 1.6)		10	14447-MR8-003	SPRING, CAM GEAR (A).....	4	4		
(ADD 0.1 FOR EACH.)		11	14448-MR8-003	SPRING, CAMSHAFT GEAR (B).....	4	4		
VALVE.....	4.6	12	14451-MR8-000	SHAFT, ROCKER ARM.....	8	8		
(RR.CYLINDER SIDE 5.1)		13	14611-MR8-000	ARM, VALVE ROCKER.....	16	16		
(ADD 0.2 FOR EACH.)		14	14642-MR8-000	SPRING, ROCKER ARM SIDE.....	8	8		
(INC. REFACING)		15	14711-MR8-000	VALVE, IN.....	8	8		
(EXC. VALVE GUIDE REPLACEMENT)		16	14721-MR8-000	VALVE, EX.....	8	8		
SPRING, VALVE INNER.....	4.4	17	14751-MR8-003	SPRING, VALVE OUTER.....	16	16		
(RR.CYLINDER SIDE 4.9)			14751-MR8-004	SPRING, VALVE OUTER.....	16	16		
(ADD 0.1 FOR EACH.)		18	14761-MR8-003	SPRING, VALVE INNER.....	16	16		
(INC. RELATIVE PART)			14761-MR8-004	SPRING, VALVE INNER.....	16	16		
		19	14771-MR8-000	RETAINER, VALVE SPRING.....	16	16		
		20	14775-MR8-000	SEAT, VALVE SPRING OUTER.....	16	16		
		21	14777-MR8-000	SEAT, VALVE SPRING INNER.....	16	16		
		22	14781-MLO-720	COTTER, VALVE.....	32	32		
		23	14901-KT7-000	SHIM, TAPPET (1.200).....	16	16		

1991.05.01

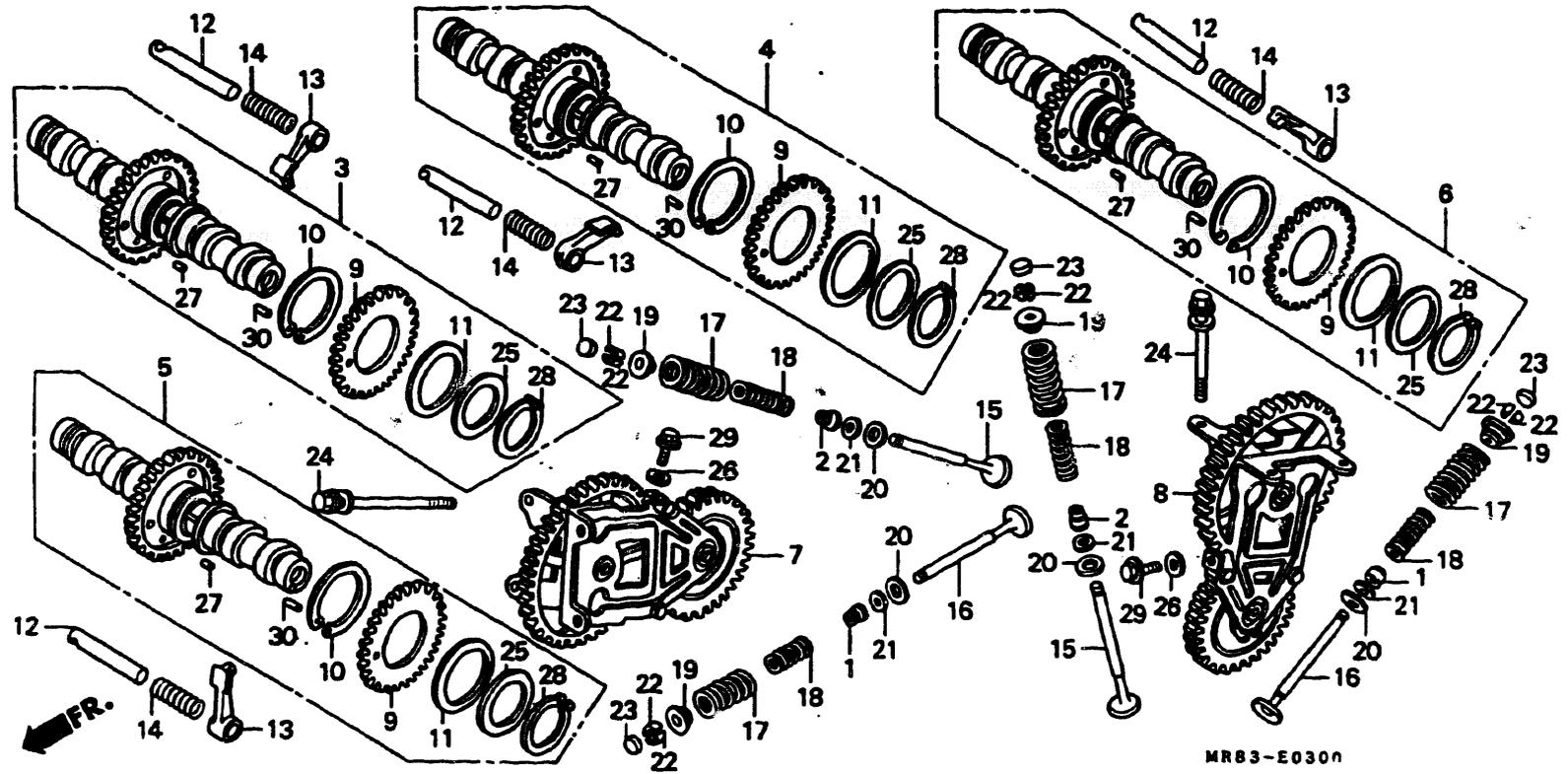
E

D6

D 8

E - 3

Camshaft-Valve

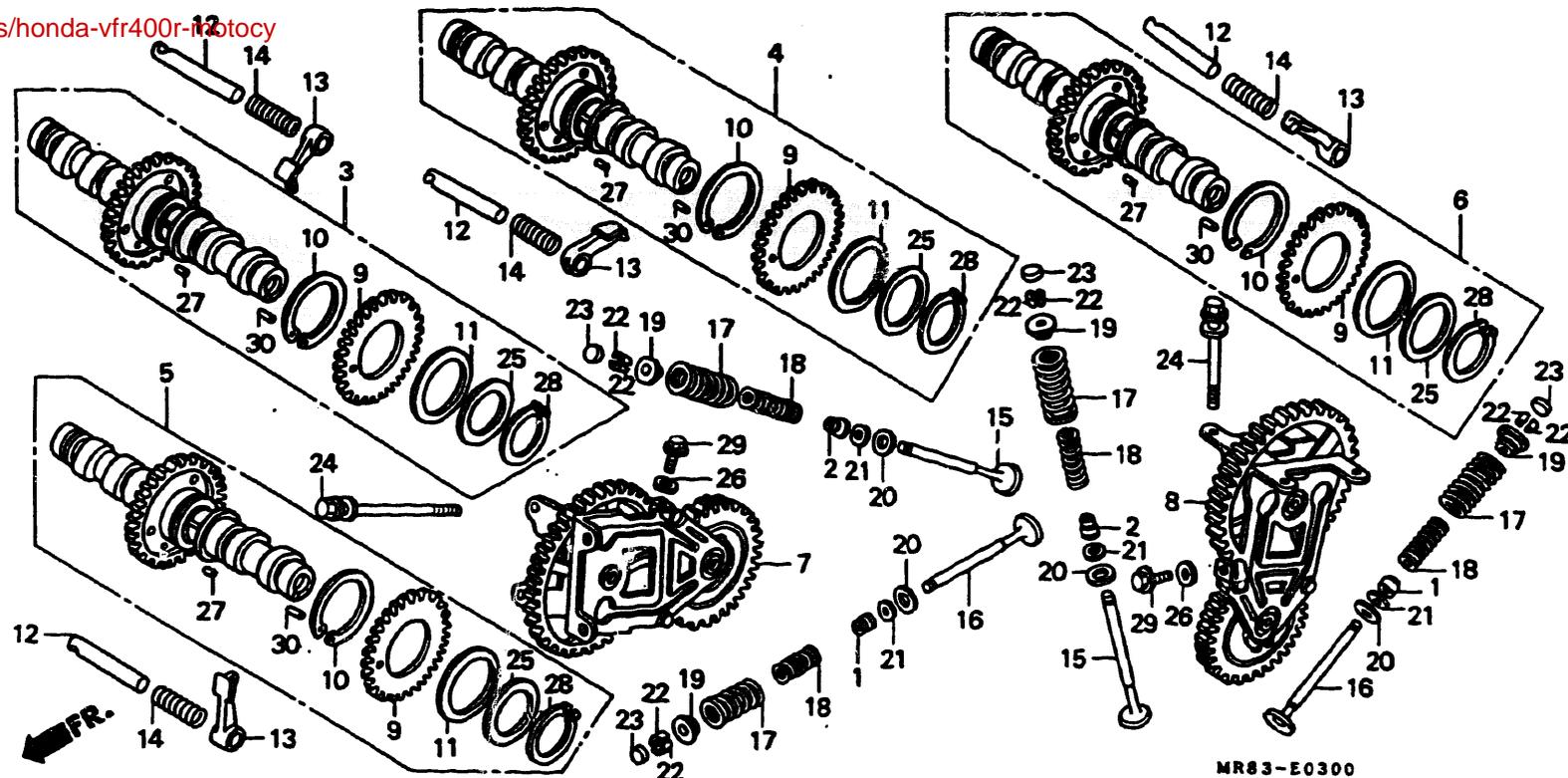


Service item	F.R.T.	Ref. No.	Part No.	Description	Reqd. No.		Serial No.	Area code
					VFR100R	IL JM		
		23)	14916-KT7-000	SHIM, TAPPET (1.575).....	16	16		
			14916-KT7-003	SHIM, TAPPET (1.575).....	-	16		
			14917-KT7-000	SHIM, TAPPET (1.600).....	16	16		
			14917-KT7-003	SHIM, TAPPET (1.600).....	-	16		
			14918-KT7-000	SHIM, TAPPET (1.625).....	16	16		
			14918-KT7-003	SHIM, TAPPET (1.625).....	-	16		
			14919-KT7-000	SHIM, TAPPET (1.650).....	16	16		
			14919-KT7-003	SHIM, TAPPET (1.650).....	-	16		
			14920-KT7-000	SHIM, TAPPET (1.675).....	16	16		
			14920-KT7-003	SHIM, TAPPET (1.675).....	-	16		
			14921-KT7-000	SHIM, TAPPET (1.700).....	16	16		
			14921-KT7-003	SHIM, TAPPET (1.700).....	-	16		
			14922-KT7-000	SHIM, TAPPET (1.725).....	16	16		
			14922-KT7-003	SHIM, TAPPET (1.725).....	-	16		
			14923-KT7-000	SHIM, TAPPET (1.750).....	16	16		
			14923-KT7-003	SHIM, TAPPET (1.750).....	-	16		
			14924-KT7-000	SHIM, TAPPET (1.775).....	16	16		
			14924-KT7-003	SHIM, TAPPET (1.775).....	-	16		
			14925-KT7-000	SHIM, TAPPET (1.800).....	16	16		
			14925-KT7-003	SHIM, TAPPET (1.800).....	-	16		
			14926-KT7-000	SHIM, TAPPET (1.825).....	16	16		
			14926-KT7-003	SHIM, TAPPET (1.825).....	-	16		
			14927-KT7-000	SHIM, TAPPET (1.850).....	16	16		
			14927-KT7-003	SHIM, TAPPET (1.850).....	-	16		
			14928-KT7-000	SHIM, TAPPET (1.875).....	16	16		
			14928-KT7-003	SHIM, TAPPET (1.875).....	-	16		
			14929-KT7-000	SHIM, TAPPET (1.900).....	16	16		
			14929-KT7-003	SHIM, TAPPET (1.900).....	-	16		
			14930-KT7-000	SHIM, TAPPET (1.925).....	16	16		
				1991.05.01				
				E				
				D8				



E - 3

Camshaft Valve



Service item	F.R.T.	Ref. No.	Part No.	Description	Reqd. No. VFR400R 3L JM	Serial No.	Area code
		23)	14930-KT7-003	SHIM, TAPPET (1.925).....	- 16		
			14931-KT7-000	SHIM, TAPPET (1.950).....	16 16		
			14931-KT7-003	SHIM, TAPPET (1.950).....	- 16		
			14932-KT7-000	SHIM, TAPPET (1.975).....	16 16		
			14932-KT7-003	SHIM, TAPPET (1.975).....	- 16		
			14933-KT7-000	SHIM, TAPPET (2.000).....	16 16		
			14933-KT7-003	SHIM, TAPPET (2.000).....	- 16		
			14934-KT7-000	SHIM, TAPPET (2.025).....	16 16		
			14934-KT7-003	SHIM, TAPPET (2.025).....	- 16		
			14935-KT7-000	SHIM, TAPPET (2.050).....	16 16		
			14935-KT7-003	SHIM, TAPPET (2.050).....	- 16		
			14936-KT7-000	SHIM, TAPPET (2.075).....	16 16		
			14936-KT7-003	SHIM, TAPPET (2.075).....	- 16		
			14937-KT7-000	SHIM, TAPPET (2.100).....	16 16		
			14937-KT7-003	SHIM, TAPPET (2.100).....	- 16		
			14938-KT7-000	SHIM, TAPPET (2.125).....	16 16		
			14938-KT7-003	SHIM, TAPPET (2.125).....	- 16		
			14939-KT7-000	SHIM, TAPPET (2.150).....	16 16		
			14939-KT7-003	SHIM, TAPPET (2.150).....	- 16		
			14940-KT7-000	SHIM, TAPPET (2.175).....	16 16		
			14940-KT7-003	SHIM, TAPPET (2.175).....	- 16		
			14941-KT7-000	SHIM, TAPPET (2.200).....	16 16		
			14941-KT7-003	SHIM, TAPPET (2.200).....	- 16		
			14942-KT7-000	SHIM, TAPPET (2.225).....	16 16		
			14942-KT7-003	SHIM, TAPPET (2.225).....	- 16		
			14943-KT7-000	SHIM, TAPPET (2.250).....	16 16		
			14943-KT7-003	SHIM, TAPPET (2.250).....	- 16		
			14944-KT7-000	SHIM, TAPPET (2.275).....	16 16		
			14944-KT7-003	SHIM, TAPPET (2.275).....	- 16		
				1991.05.01	E		
					D9		