

This catalog covers:
FJ180V-□S71

GRID NO. This grid covers:
A-01 TITLE

PARTS CATALOG

4-STROKE ENGINE

FJ180V

PRODUCT CODE	NOTE
FJ180V-AS71	STD (WBM)

PARTS CATALOG INTRODUCTION

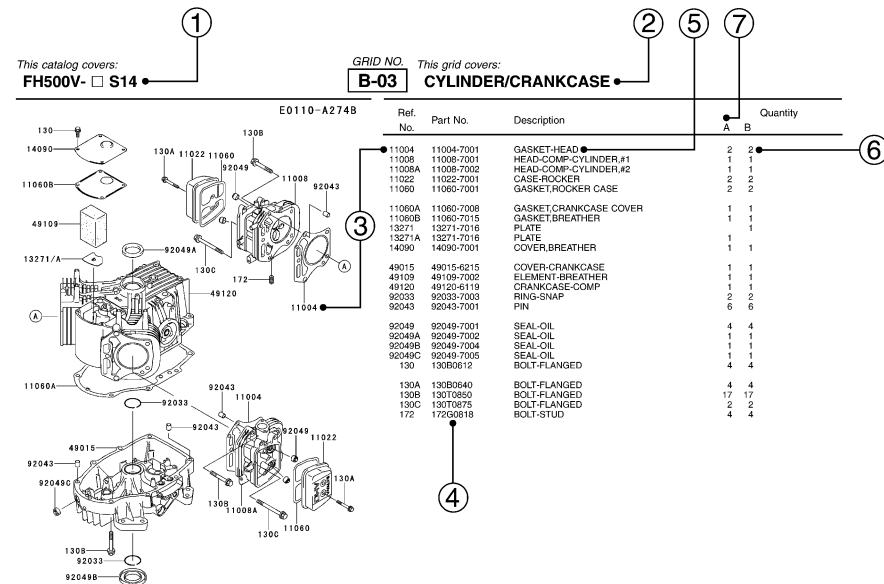
This parts catalog lists parts and sub-assemblies provided as service parts.

When it becomes necessary to replace parts, always use KAWASAKI GENUINE PARTS which have passed strict inspection which guarantees quality and performance.

1. HOW TO ORDER PARTS

- When ordering the parts, be sure to use the parts catalog corresponding to the product code. Check the product revision codes on the product and the catalog.
Product Code (example) : FA130D-**AA00**
Product Revision Code
- Specify the part code (all digits) exactly as listed in this catalog on your parts order.
- The parts not shown in the illustrations of this catalog are not sold separately; only the complete units or next higher assemblies illustrated are supplied as the service parts.

2. EXPLANATION OF PARTS CATALOG FORMAT



1) Product Code

This code describes the product code covered by this catalog. The product revision code, which is a part of the product code, is omitted.

2) Part Group Title

This title is the representative name for the group of parts illustrated on the page.

3) Reference Number

The reference numbers are shown on the illustration and the list as the link between them.

4) Part Number

This is the key of your parts ordering.

Three kinds of part number are used in this catalog.

a. Structure 1

□□□□□□-□□□□□□-□□

Part Revision Code

b. Structure 2

□□□□□□-□□□□□□-□□

Color Code for Painted Part

c. Standard Hardware Number

(for bolts, nuts, washer, or the like)

□□□□□□□□

Size Code

Material and Surface Treatment Code

Item Code

5) Description and Additional Information

The part name, the location, the size, and the serial number as additional information, etc. are described here. Use them to find out and check the part required.

When a part number is changed without change of the product revision code and the changed parts are not interchangeable, the serial number of the product is noted as follows;

(FA130 - 100001) : Affected units are from beginning of the product of the product code up to and including this serial number.

(FA130 - 100002 -) : Affected units are from this serial number and above.

(FA130 - 100002 - FA130 - 110001) : Affected units are in this serial number range.

6) Quantity

The figure shows quantity of the part required at the indicated position on the illustration and for the specified product revision code.

The asterisk (*) on this column means the part can be used as the substitute on the product and is supplied until the stock is exhausted.

Note:Some small parts will be supplied by units.

Example: If six (6) bolts are ordered and the minimum quantity per unit is five (5), two (2), units of the bolt will be delivered.

7) Product Revision Code

This Code indicates an important change which affects the service parts interchangeability.

3. ABBREVIATIONS

#.....	Number	FR.....	Front	RH.....	Right Hand
&.....	And	G.....	Gram	RPM.....	Revolutions Per Minute
(+).....	Plus	HEX.....	Hexagonal	RR.....	Rear
ID=.....	Inside Diameter	ID=.....	Inside Diameter	STD.....	Standard
2ND.....	Second	IN.....	Inch	T.....	Teeth
3RD.....	Third	L=.....	Length	T=.....	Thickness
4TH.....	Fourth	LH.....	Left Hand	U/S.....	Under Size
A.....	Ampere	LWR.....	Lower	UPP.....	Upper
AR.....	As Required	MM.....	Millimeter	V.....	Volt
ASSY.....	Assembly	O/S.....	Over Size	W.....	Watt
CNT.....	Center	OD=.....	Outside Diameter		
COMP.....	Complete	REF.....	Reference		

E0110-A614A

B-03 CYLINDER/CRANKCASE

E0120-A403C

B-04 PISTON/CRANKSHAFT

E0130-A135B

B-05 VALVE/CAMSHAFT

E0140-A456B

B-06 LUBRICATION-EQUIPMENT

E0150-A799A

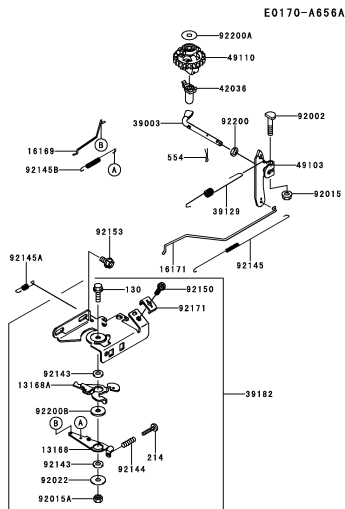
B-07 COOLING-EQUIPMENT

E0160-B181A

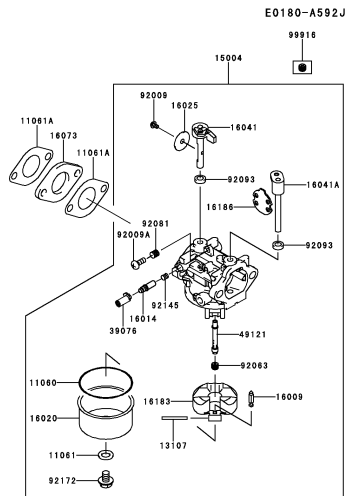
B-08 ELECTRIC-EQUIPMENT

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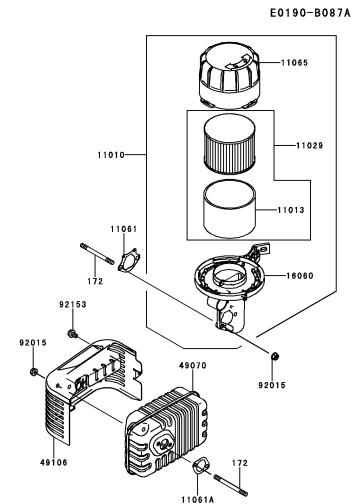
GRID NO. This grid covers:
B-02 PICTORIAL INDEX



B-09 CONTROL-EQUIPMENT



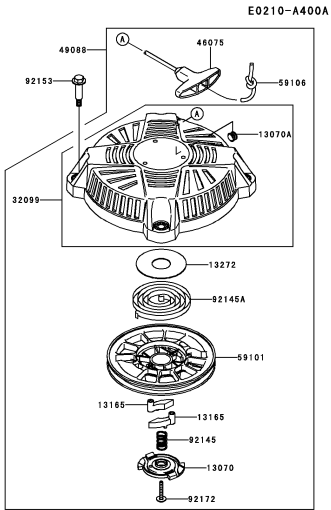
B-10 CARBURETOR



B-11 AIR-FILTER/MUFFLER

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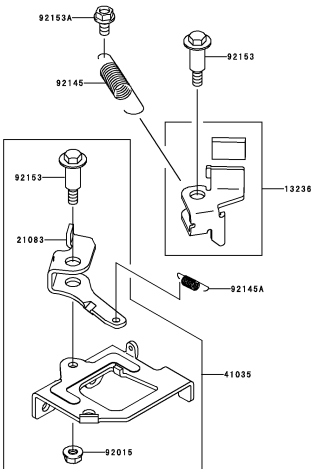
GRID NO. This grid covers:
C-01 **PICTORIAL INDEX**



C-03 STARTER

This catalog covers:
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GRID NO. This grid covers:
D-01 **PICTORIAL INDEX**

F0220-A013U  D-03 BRAKE/COVER	F0290-B050A  D-04 LABEL	

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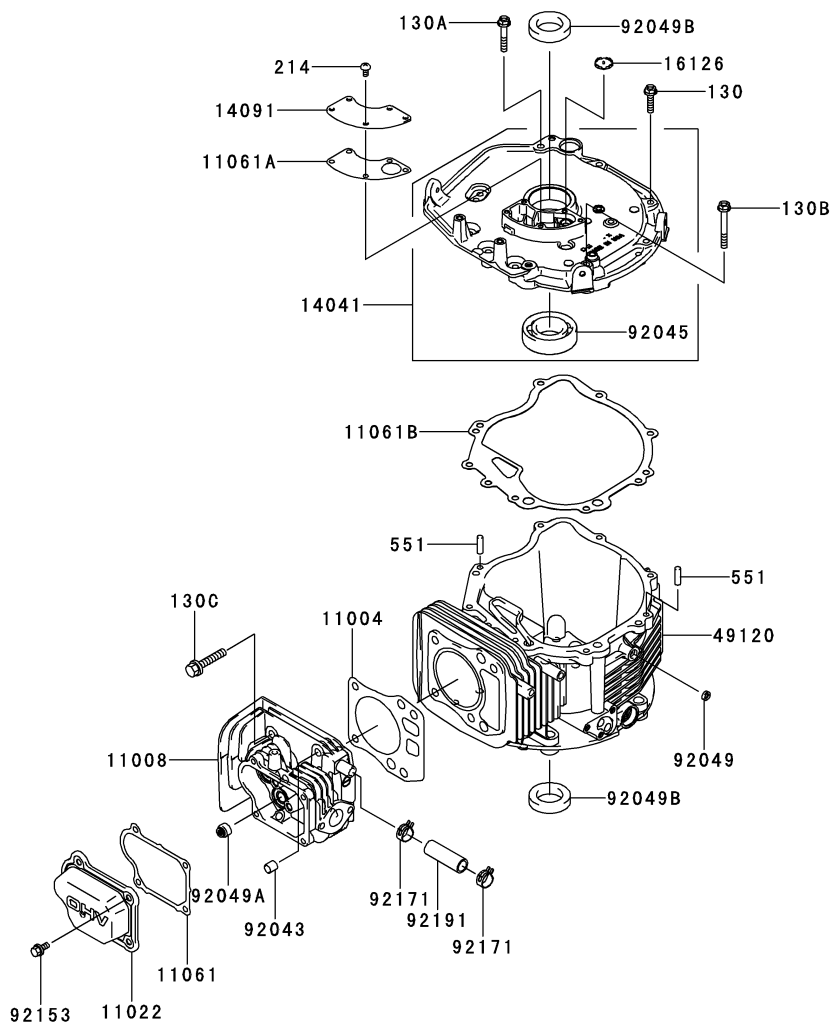
GRID NO.

B-03

This grid covers:

CYLINDER/CRANKCASE

E0110-A614A



Ref. No.	Part No.	Description	Quantity
11004	11004-7020	GASKET-HEAD	1
11008	11008-7025	HEAD-COMP-CYLINDER	1
11022	11022-7021	CASE-ROCKER	1
11061	11061-7023	GASKET,CASE ROCKER	1
11061A	11061-7031	GASKET,BREATHER	1
11061B	11061-7060	GASKET,COVER-CRANKCASE	1
14041	14041-7010	COVER-COMP	1
14091	14091-7010	COVER,BREATHER	1
16126	16126-7014	VALVE,BREATHER	1
49120	49120-7100	CRANKCASE-COMP	1
92043	92043-7001	PIN	2
92045	92045-1207	BEARING-BALL,62/28	1
92049	92049-2097	SEAL-OIL,VC6X10X2.5	1
92049A	92049-7001	SEAL-OIL,RVC2 6X11X10.2	1
92049B	92049-7008	SEAL-OIL,28-44-9 TC	2
92153	92153-7043	BOLT,6X12	4
92171	92171-7024	CLAMP	2
92191	92191-7025	TUBE,12X16X49	1
130	130BA0625	BOLT-FLANGED,6X25	7
130A	130BA0635	BOLT-FLANGED,6X35	1
130B	130BA0650	BOLT-FLANGED,6X50	1
130C	130CA0840	BOLT-FLANGED,8X40	4
214	214AA0510	SCREW-PAN+,-,5X10	5
551	551A0612	PIN-DOWEL,6X12	2

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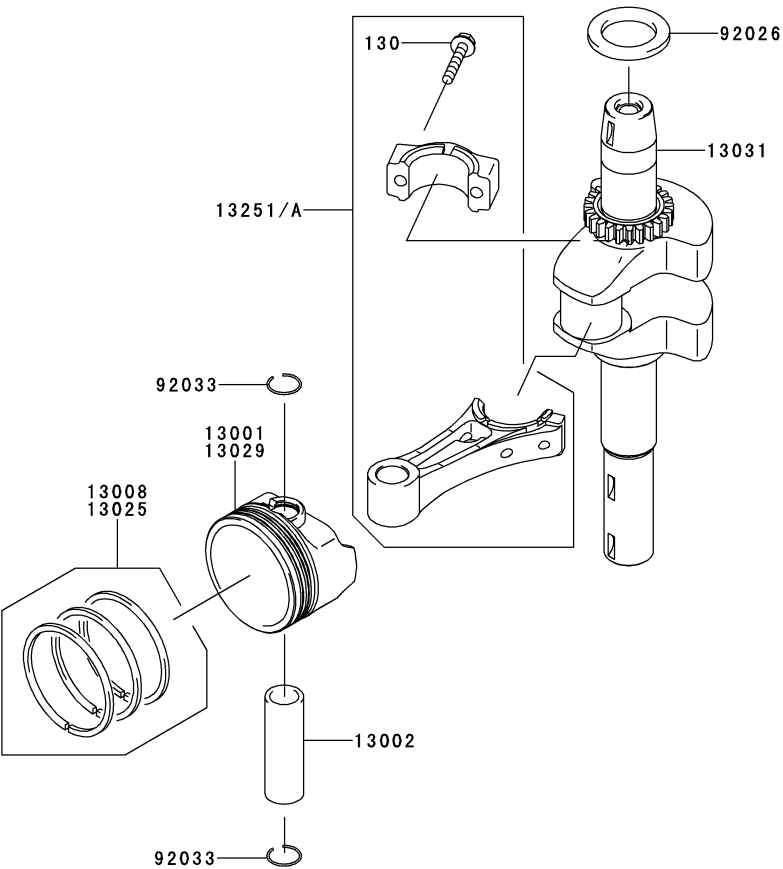
GRID NO.

B-04

This grid covers:

PISTON/CRANKSHAFT

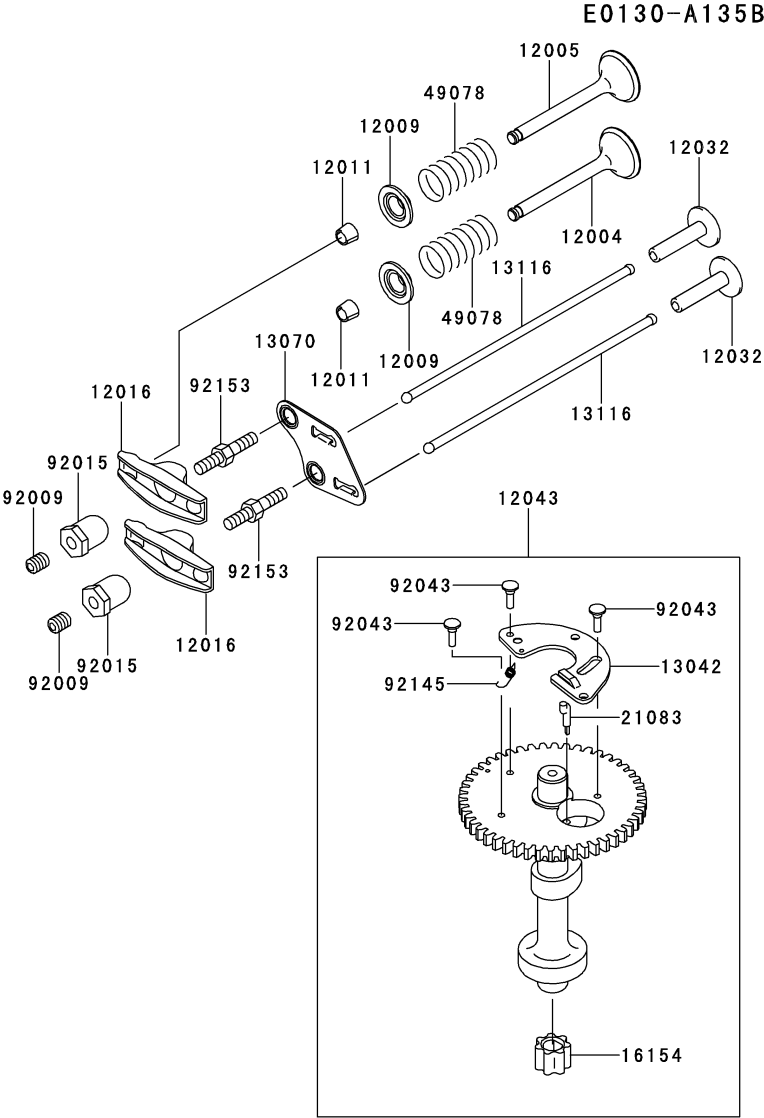
E0120-A403C



Ref. No.	Part No.	Description	Quantity
			A
13001	13001-7023	PISTON-ENGINE	1
13002	13002-7001	PIN-PISTON	1
13008	13008-7002	RING-SET-PISTON	1
13025	13025-7006	RING-SET-PISTON L,0.50	AR
13029	13029-7005	PISTON-ENGINE L,0.50	AR
13031	13031-7063	CRANKSHAFT-COMP	1
13251	13251-7011	ROD-ASSY-CONNECTING	*
13251A	13251-7024	ROD-ASSY-CONNECTING	1
92026	92026-7020	SPACER	1
92033	92033-7002	RING-SNAP	2
130	130BA0630	BOLT-FLANGED,6X30	2

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GRID NO. **B-05** This grid covers:
VALVE/CAMSHAFT



Ref. No.	Part No.	Description	Quantity
		A	
12004	12004-7005	VALVE-INTAKE	1
12005	12005-7006	VALVE-EXHAUST	1
12009	12009-7001	RETAINER-VALVE SPRING	2
12011	12011-2056	COLLET	4
12016	12016-7008	ARM-ROCKER	2
12032	12032-7001	TAPPET	2
12043	12043-7005	CAMSHAFT-ASSY-VALVE	1
13042	13042-7006	WEIGHT	1
13070	13070-7009	GUIDE	1
13116	13116-7003	ROD-PUSH	2
16154	16154-7004	ROTOR-PUMP	1
21083	21083-7009	ARM	1
49078	49078-7001	SPRING-ENGINE VALVE	2
92009	92009-2341	SCREW	2
92015	92015-2253	NUT	2
92043	92043-7006	PIN	3
92145	92145-7016	SPRING	1
92153	92153-7019	BOLT	2

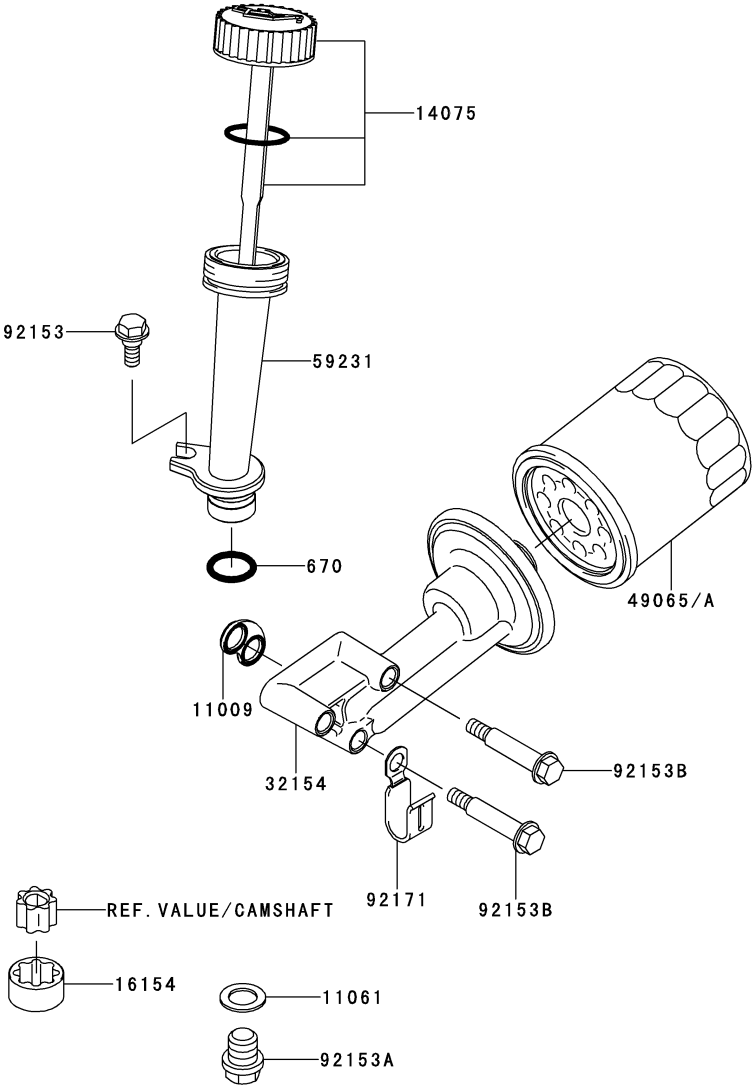
This catalog covers:
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GRID NO.

B-06

This grid covers:
LUBRICATION-EQUIPMENT

E0140-A456B



Ref. No.	Part No.	Description	Quantity
		A	
11009	11009-2860	GASKET	1
11061	11061-7030	GASKET,12X19X1.27	1
14075	14075-7007	CAP-ASSY	1
16154	16154-7002	ROTOR-PUMP	1
32154	32154-7018	PIPE	1
49065	49065-2078	FILTER-OIL	*
49065A	49065-7010	FILTER-OIL	1
59231	59231-7004	FILLER	1
92153	92153-7007	BOLT	1
92153A	92153-7016	BOLT,12X12	1
92153B	92153-7028	BOLT	3
92171	92171-7008	CLAMP	1
670	670D2016	O RING,16MM	1

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GRID NO.

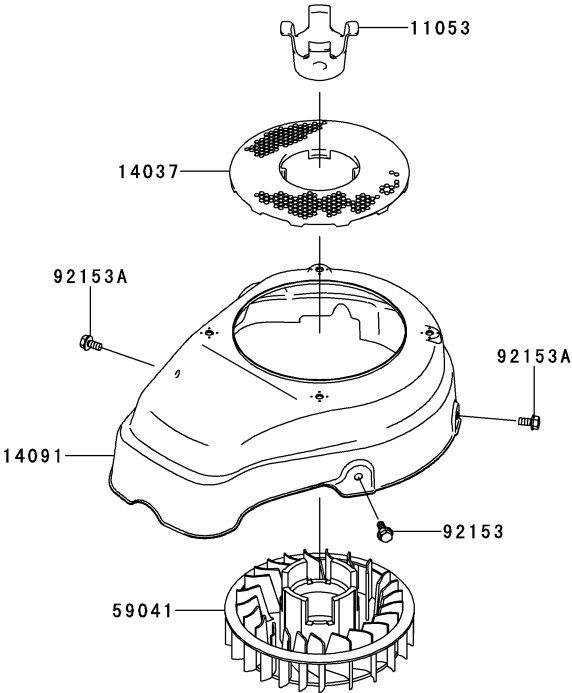
B-07

This grid covers:

COOLING-EQUIPMENT

E0150-A799A

Ref. No.	Part No.	Description	Quantity
			A
11053	11053-7009	BRACKET,FAN	1
14037	14037-7017	SCREEN	1
14091	14091-7053	COVER	1
59041	59041-7009	FAN	1
92153	92153-7007	BOLT	1
92153A	92153-7043	BOLT,6X12	2

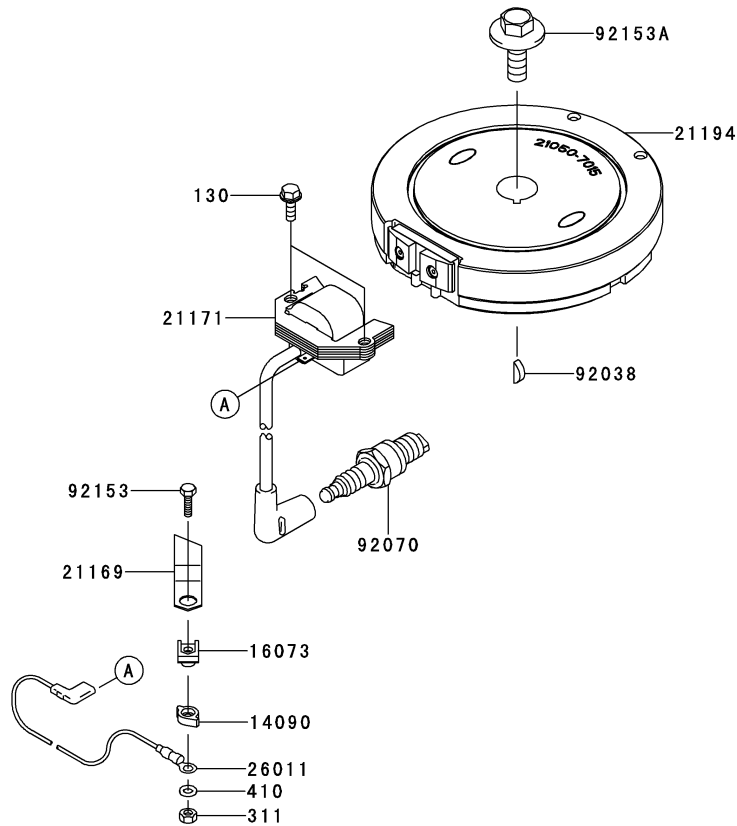


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ELECTRIC-EQUIPMENT

Ref. No.	Part No.	Description	Quantity
14090	14090-2108	COVER	1
16073	16073-2192	INSULATOR	1
21169	21169-2071	TERMINAL	1
21171	21171-7030	COIL-ASSY-IGNITION	1
21194	21194-7024	FLYWHEEL-COMP	1
26011	26011-7013	WIRE-LEAD	1
92038	92038-2077	KEY	1
92070	92070-2088	PLUG-SPARK,BPR5ES(NGK),SOLID	1
92153	92153-7012	BOLT,4X16	1
92153A	92153-7030	BOLT,12X30	1
130	130AA0620	BOLT-FLANGED,6X20	2
311	311AA0400	NUT-HEX,4MM	1
410	410AA0400	W-PLAIN-S,4MM	1



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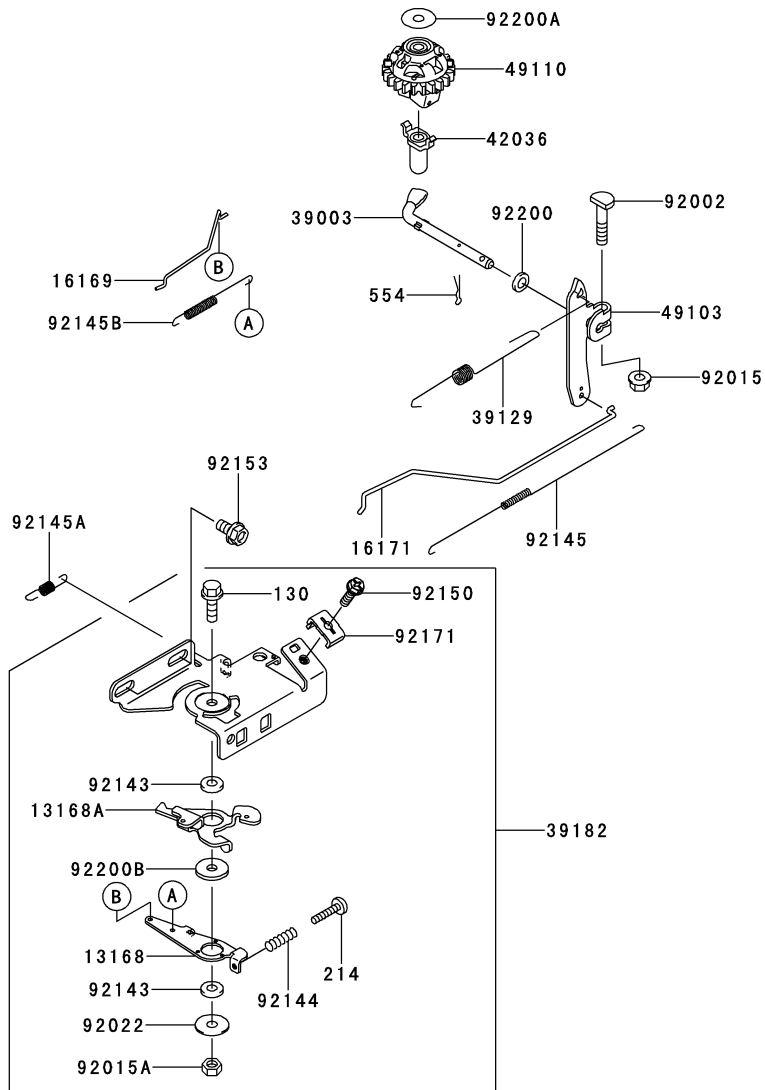
GRID NO.

B-09

This grid covers:

CONTROL-EQUIPMENT

E0170-A656A



Ref. No.	Part No.	Description	Quantity
13168	13168-7028	LEVER	1
13168A	13168-7032	LEVER	1
16169	16169-7015	LINK-CHOKE	1
16171	16171-7015	LINK,THROTTLE	1
39003	39003-7002	ARM-PIVOT	1
39129	39129-7023	SPRING-GOVERNOR	1
39182	39182-7011	PANEL-ASSY-CONTROL	1
42036	42036-2051	SLEEVE	1
49103	49103-7016	ARM-GOVERNOR	1
49110	49110-7002	GOVERNOR-ASSY	1
92002	92002-2269	BOLT,6X28	1
92015	92015-1367	NUT	1
92015A	92015-2051	NUT	1
92022	92022-2372	WASHER,6X19X1.2	1
92143	92143-2135	COLLAR,6X13X2.3	2
92144	92144-2266	SPRING	1
92145	92145-7025	SPRING,THROTTLE	1
92145A	92145-7032	SPRING	1
92145B	92145-7043	SPRING	1
92150	92150-2182	BOLT,5X18	1
92153	92153-7043	BOLT,6X12	2
92171	92171-7016	CLAMP	1
92200	92200-2029	WASHER,6.5X11.5X2.0	1
92200A	92200-2036	WASHER,6.2X20X0.5	1
92200B	92200-7047	WASHER	1
130	130AA0618	BOLT-FLANGED,6X18	1
214	214AA0420	SCREW-PAN+,-,4X20	1
554	554DA0600	PIN-SNAP,1.2X21.2	1

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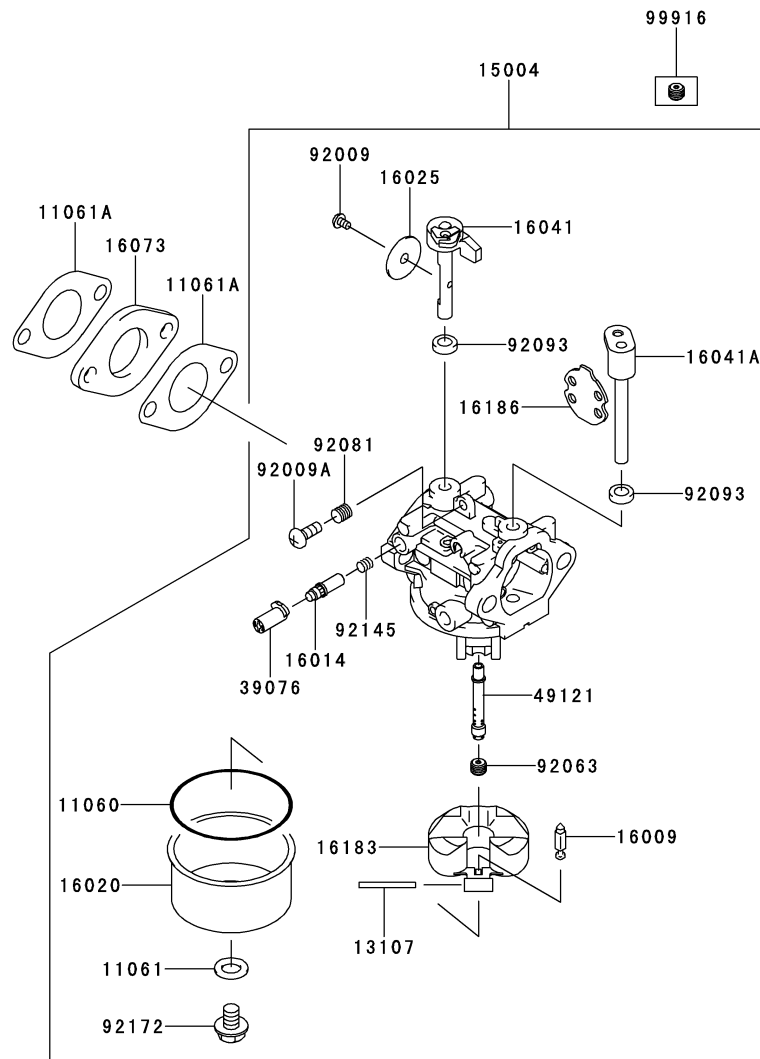
GRID NO.

B-10

This grid covers:

CARBURETOR

E0180-A592J



Ref. No.	Part No.	Description	Quantity
		A	
11060	11060-2190	GASKET	1
11061	11061-7010	GASKET,SCREW	1
11061A	11061-7015	GASKET,INSULATOR	2
13107	13107-7024	SHAFT	1
15004	15004-7076	CARBURETOR-ASSY	1
16009	16009-2136	NEEDLE-JET	1
16014	16014-7008	SCREW-PILOT AIR	1
16020	16020-7004	CHAMBER-FLOAT	1
16025	16025-7007	VALVE-THROTTLE	1
16041	16041-7019	SHAFT-CARBURETOR	1
16041A	16041-7020	SHAFT-CARBURETOR	1
16073	16073-7006	INSULATOR	1
16183	16183-2002	FLOAT-ASSY	1
16186	16186-7003	VALVE-ASSY-CHOKE	1
39076	39076-7001	LIMITER	1
49121	49121-7008	NOZZLE-MAIN	1
92009	92009-2083	SCREW	1
92009A	92009-2349	SCREW	1
92063	92063-7050	JET-MAIN,#72	1
92081	92081-2234	SPRING	1
92093	92093-2100	SEAL	2
92145	92145-7015	SPRING	1
92172	92172-7002	SCREW	1
99916	99916-7009	KIT,JET-MAIN,#68,#66	1

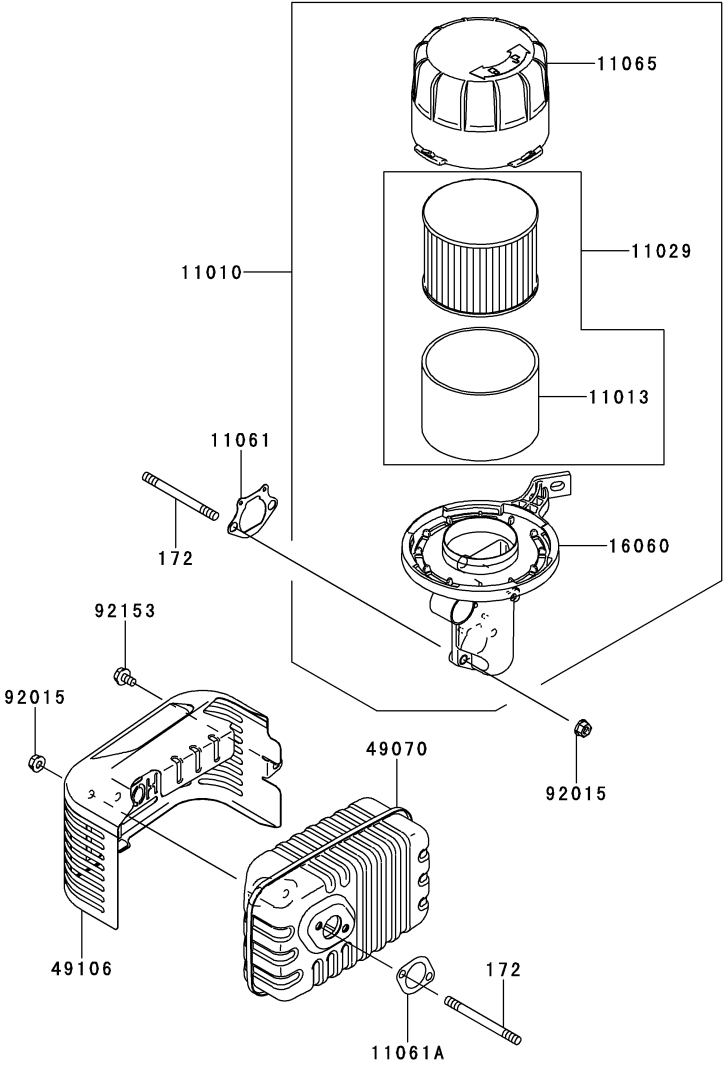
This catalog covers:
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GRID NO.

B-11

This grid covers:
AIR-FILTER/MUFFLER

E0190-B087A

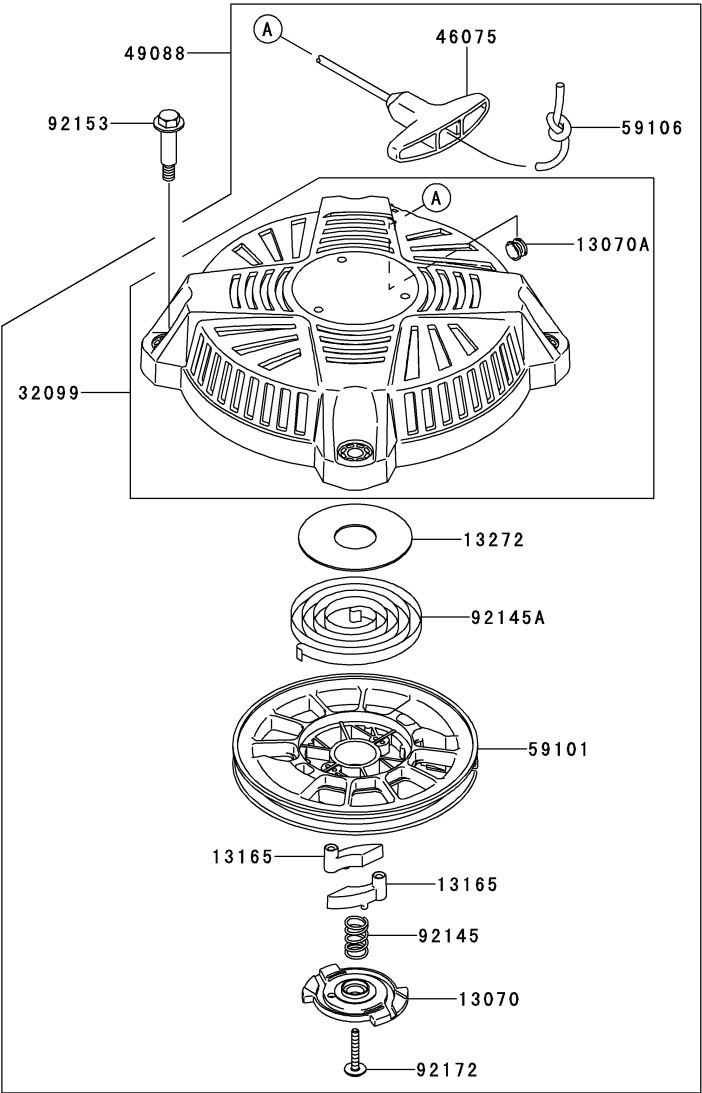


Ref. No.	Part No.	Description	Quantity
11010	11010-7024	FILTER-ASSY-AIR	1
11013	11013-7037	ELEMENT-AIR FILTER	1
11029	11029-7023	ELEMENT-ASSY-AIR FILTER	1
11061	11061-7012	GASKET,PIPE INTAKE	1
11061A	11061-7029	GASKET,MUFFLER	1
11065	11065-7019	CAP	1
16060	16060-7031	PIPE-INTAKE	1
49070	49070-7022	MUFFLER-COMP	1
49106	49106-7021	COVER-MUFFLER	1
92015	92015-1367	NUT	4
92153	92153-7023	BOLT,6X10	1
172	172BA0680	BOLT-STUD,6X80	4

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GRID NO. This grid covers:
C-03 STARTER

E0210-A400A

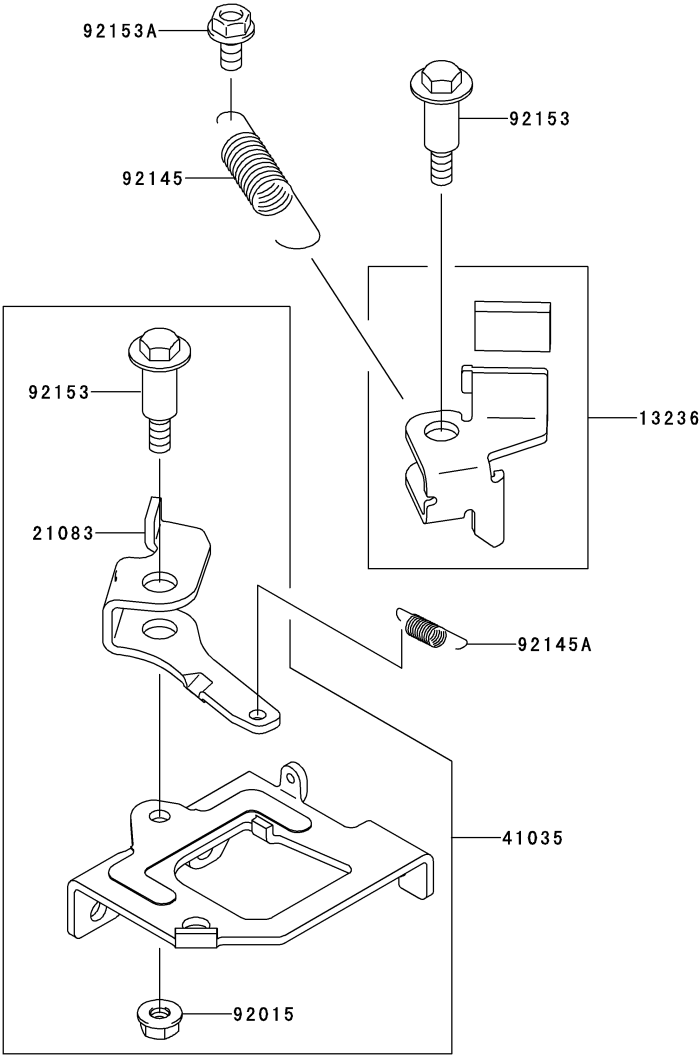


Ref. No.	Part No.	Description	Quantity
13070	13070-7014	GUIDE	1
13070A	13070-7015	GUIDE	1
13165	13165-7002	PAWL,STARTER-RECOIL	2
13272	13272-7001	PLATE	1
32099	32099-7004	CASE,STARTER-RECOIL	1
46075	46075-7002	GRIP	1
49088	49088-7027	STARTER-RECOIL	1
59101	59101-7002	REEL,STARTER-RECOIL	1
59106	59106-7003	ROPE,2200MM	1
92145	92145-7052	SPRING	1
92145A	92145-7054	SPRING	1
92153	92153-7021	BOLT,M6	4
92172	92172-7030	SCREW	1

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GRID NO. **D-03** This grid covers:
BRAKE/COVER

F0220-A013U



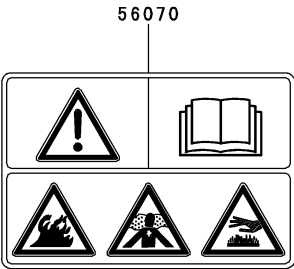
Ref. No.	Part No.	Description	Quantity
			A
13236	13236-7008	LEVER-COMP	1
21083	21083-7016	ARM	1
41035	41035-7005	PANEL-ASSY-BRAKE	1
92015	92015-1367	NUT	1
92145	92145-7023	SPRING	1
92145A	92145-7032	SPRING	1
92153	92153-7020	BOLT	2
92153A	92153-7023	BOLT,6X10	1

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GRID NO. This grid covers:
D-04 LABEL

F0290-B050A

Ref. No.	Part No.	Description	Quantity
			A
56070	56070-2021	LABEL-WARNING	1



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GRID NO.

H-09

This grid covers:

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H-10

This grid covers:

NUMERICAL PARTS INDEX

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11008-7025.....	B-03	16025-7007.....	B-10	92022-2372.....	B-09				
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11013-7037.....	B-11	16060-7031.....	B-11	92038-2077.....	B-08				
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11061-7010.....	B-10	16154-7004.....	B-05	92049-7001.....	B-03				
11061-7012.....	B-11	16169-7015.....	B-09	92049-7008.....	B-03				
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11061-7023.....	B-03	16183-2002.....	B-10	92070-2088.....	B-08				
11061-7029.....	B-11	16186-7003.....	B-10	92081-2234.....	B-10				
11061-7030.....	B-06	172BA0680.....	B-11	92093-2100.....	B-10				
11061-7031.....	B-03	21083-7009.....	B-05	92143-2135.....	B-09				
11061-7060.....	B-03	21083-7016.....	D-03	92144-2266.....	B-09				
11065-7019.....	B-11	21169-2071.....	B-08	92145-7015.....	B-10				
12004-7005.....	B-05	21171-7030.....	B-08	92145-7016.....	B-05				
12005-7006.....	B-05	21194-7024.....	B-08	92145-7023.....	D-03				
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13025-7006.....	B-04	39129-7023.....	B-09	92153-7007.....	B-07				
13029-7005.....	B-04	39182-7011.....	B-09	92153-7012.....	B-08				
13031-7063.....	B-04	41035-7005.....	D-03	92153-7016.....	B-06				
13042-7006.....	B-05	410AA0400.....	B-08	92153-7019.....	B-05				
13070-7009.....	B-05	42036-2051.....	B-09	92153-7020.....	D-03				
13070-7014.....	C-03	46075-7002.....	C-03	92153-7021.....	C-03				
13070-7015.....	C-03	49065-2078.....	B-06	92153-7023.....	B-11				
130AA0618.....	B-09	49065-7010.....	B-06	92153-7023.....	D-03				
130AA0620.....	B-08	49070-7022.....	B-11	92153-7028.....	B-06				
130BA0625.....	B-03	49078-7001.....	B-05	92153-7030.....	B-08				
130BA0630.....	B-04	49088-7027.....	C-03	92153-7043.....	B-03				
130BA0635.....	B-03	49103-7016.....	B-09	92153-7043.....	B-07				
130BA0650.....	B-03	49106-7021.....	B-11	92153-7043.....	B-09				
130CA0840.....	B-03	49110-7002.....	B-09	92171-7008.....	B-06				
13107-7024.....	B-10	49120-7100.....	B-03	92171-7016.....	B-09				
13116-7003.....	B-05	49121-7008.....	B-10	92171-7024.....	B-03				
13165-7002.....	C-03	551A0612.....	B-03	92172-7002.....	B-10				
13168-7028.....	B-09	554DA0600.....	B-09	92172-7030.....	C-03				
13168-7032.....	B-09	56070-2021.....	D-04	92191-7025.....	B-03				
13236-7008.....	D-03	59041-7009.....	B-07	92200-2029.....	B-09				
13251-7011.....	B-04	59101-7002.....	C-03	92200-2036.....	B-09				
13251-7024.....	B-04	59106-7003.....	C-03	92200-7047.....	B-09				
13272-7001.....	C-03	59231-7004.....	B-06	99916-7009.....	B-10				
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14041-7010.....	B-03	92002-2269.....	B-09						
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14090-2108.....	B-08	92009-2341.....	B-05						
14091-7010.....	B-03	92009-2349.....	B-10						
14091-7053.....	B-07	92015-1367.....	B-09						
15004-7076.....	B-10	92015-1367.....	B-11						
16009-2136.....	B-10	92015-1367.....	D-03						
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