

# General Information

GENERAL

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## ENGINE IDENTIFICATION NUMBER

### IDENTIFICATION NUMBER

DESCRIPTION E02C31E3

G	4	F	C	6	000001
1	2	3	4	5	6

### VEHICLE IDENTIFICATION NUMBER

K	N	E	F	E	2	2	7	2	6	5	000001
1	2	3	4	5	6	7	8	9	10	11	12

SLDGI7003L

1. Geographic zone

- K : Korea

2. Manufacturer

- N : Kia motor company

3. Vehicle type

- E : Europe

4-5. Vehicle line

- FE : CERATO

6-7. Body type

- 22 : 4 Door Sedan

- 24 : 5 Door Hatchback

8. Engine type

- 2 : 1.6

- 3 : 2.0

- 4 : D 2.0

- 6 : U 1.6

- 7 : 1.6

9. Check digit

- 2 : Manual transmission

- 3 : Automatic transmission

10. Production year

- 6 : 2006, 7 : 2007, 8 : 2008

11. Plant of production

- 5 : Hwasung Plant

12. Vehicle production sequence number

- 000001 ~ 999999

1. Engine fuel

- G : Gasoline

2. Engine range

- 4 : 4 cycle 4 cylinder

- 6 : 4 cycle 6 cylinder

3-4 : Engine development order and capacity

- FC : -engine, 1592cc (Gasoline)

5. Production year

- 6 : 2006, 7 : 2007, 8 : 2008

6. Engine production sequence number

- 000001 ~ 999999

SLDGI7002L

**GENERAL**

**TRANSMISSION IDENTIFICATION NUMBER**

**MANUAL**

<u>R</u>	<u>6</u>	<u>1873</u>	<u>000001</u>
1	2	3	4

KANF004A

1. Model  
- R : M5CF1
2. Production year  
- 6 : 2006, 7 : 2007, 8 : 2008
3. Gear ratio  
- 1873 = 4.056  
- 1767 = 3.941
4. Transaxle production sequence number  
- 000001 ~ 999999

**AUTOMATIC**

<u>A</u>	<u>5</u>	<u>A</u>	<u>AD</u>	<u>□</u>	<u>000001</u>
1	2	3	4	5	6

SHDGI6004L

1. Model  
- A : A4CF1
2. Production year  
- 6 : 2006, 7 : 2007, 8 : 2008
3. Gear ratio  
- A : 4.375  
- B : 3.532
4. Detailed classification  
- AD : - 1.6
5. Spare
6. Transaxle production sequence number  
- 000001 ~ 999999

LUBRICANTS

RECOMMENDED LUBRICANTS

Parts		OIL & GREASE STANDARD
Engine Oil	Gasoline 1.6	API SJ or ABOVE
Transaxle	Manual	SAE 75W/85 (API GL - 4)
	Auto	DIAMOND ATF SP-III, SK ATF SP-III
Power Steering		PSF - 3
Breake Steering		DOT 3 or equivalent
Coolant		Ethlyene glycol base for aluminium radiator
Transaxle linkage, parking breake cable mechanism, hood, door latch, seat adjuster, tailgate latch, door hinges, tailgate hinge		Multipurpose grease NIGL grade #2

**⊗ WARNING**

Always use Genuine Kia parts and recommended fluid.

Using any other type of parts and fluid can cause serious damaged if the vehicle.**RECOMMENDED LUBRICANTS**

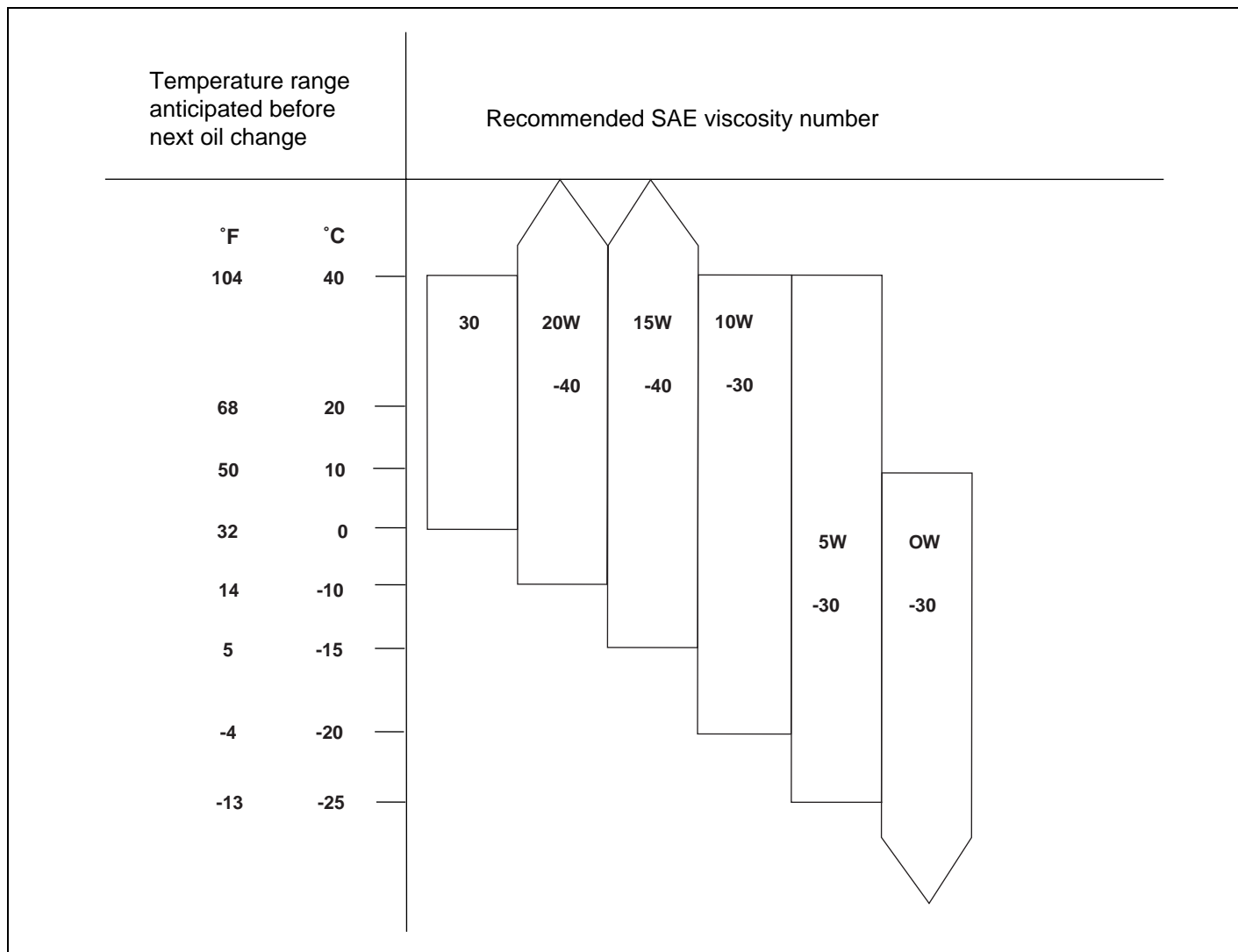
LUBRICANTS CAPACITIES

Description		1.6 (G4FC)
Engine oil	Oil pan	3.0 (3.17, 2.64)
	Oil filter	0.3 (0.31, 0.26)
	Total	3.3 (3.48, 2.9)
Cooling system		5.9 (6.23, 5.19)
Manual transaxle	M5CF1	1.9 (2.0, 1.67)
Automatic transaxle	A4CF1	6.2 (6.55, 5.46)
Power steering		0.9 (0.95, 0.79)

Capacities : [liter (U.S.qts, Imp.qts)]

SELECTION OF ENGINE OIL

RECOMMENDED API CLASSIFICATION : SJ OR SL ABOVE - 1.6 (GASOLINE)



SHDG16010L

**NOTE**

For best performance and maximum protection of all types of operation, select only those lubricants which :

1. Satisfy the requirements of the API classification.
2. Have the proper SAE grade number for expected ambient temperature range.

Lubricants which do not have both an SAE grade number and an API service classification on the container should not be used.

**WORKSHOP MANUAL PUBLICATION INFORMATION**

Each workshop manual contains the following contents.

TITLE	Group	Workshop Manual					
		2004MY		2005MY	2006	2007	
		Volume 1	Volume 2	Supplement	Supplement	Volume1	Volume2
Publication code	BOOK	A2FS-EG41A1	A2FS-EG41A2	A2FS-EG48B	A2FS-EG61C	A2FS-EG67D1	A2FS-EG67D2
	CD	-	-	-	A2FC-EG61B	A2FC-EG67C	
General Information	GI	●	-	●	●	●	-
Engine	EM	G4GC (GSL 2.0)	-	D4FA (DSL 1.5)	D4FB (DSL 1.6)	G4GC (GSL 2.0)	-
		G4ED (GSL 1.6)	-	-	-	G4FC (GSL 1.6)	-
		D4EA (DSL 2.0)	-	-	-	-	-
Engine Electrical System	EE	G4GC (GSL 2.0)	-	D4FA (DSL 1.5)	-	G4GC (GSL 2.0)	-
		G4ED (GSL 1.6)	-	-	-	G4FC (GSL 1.6)	-
		D4EA (DSL 2.0)	-	-	-	-	-
Emissions Control System	EC	G4GC (GSL 2.0)	-	-	-	G4GC (GSL 2.0)	-
		G4ED (GSL 1.6)	-	-	-	G4FC (GSL 1.6)	-
Fuel System	FL	G4GC (GSL 2.0)	-	D4FA (DSL 1.5)	D4FB (DSL 1.6)	G4GC (GSL 2.0)	-
		G4ED (GSL 1.6)	-	-	-	G4FC (GSL 1.6)	-
		D4EA (DSL 2.0)	-	-	-	-	D4FB (DSL 1.6)
Clutch System	CH	-	●	-	-	-	●
Manual Transaxle	MT	-	M5BF2	M5CF2	M5CF3	-	M5CF1
		-	M5GF1	-	-	-	-
Automatic Transaxle	AT	-	A4AF3	-	-	-	A4CF1
		-	F4A42	-	-	-	A4CF2
Driveshaft and Axle	DS	-	●	-	-	-	-
Suspension System	SS	-	●	-	-	-	-
Steering System	ST	-	●	-	-	-	-
Restraints	RT	-	●	-	-	-	-
Brake System	BR	-	●	-	-	-	-
Body (Interior & Exterior)	BD	-	●	-	-	-	●
Body Electrical System	BE	-	●	-	-	-	●
Heating, Ventilation & Air Conditioning	HA	-	●	-	-	-	●
Electrical Troubleshooting Manual (ETM)	BOOK	A2FE-EG41A		-	A2FS-EG61C	A2FE-EG67D	
	CD	-		-	A2FC-EG61B	A2FC-EG67C	
Overhaul Manual	M5CF1	Refer to Overhaul Manual (BOOK : MTMS-EG52B, CD : A2FC-EG67C)					
	M5CF2	Refer to Overhaul Manual (BOOK : MTMS-EG55D, CD : A2FC-EG67C)					
	M5CF3	Refer to Overhaul Manual (BOOK : MTMS-EG67F, CD : A2FC-EG61B)					
	A4CF1	Refer to Overhaul Manual (BOOK : ATMS-EG67F, CD : A2FC-EG67C)					
	A4CF2	Refer to Overhaul Manual (BOOK : ATMS-EG56C, CD : A2FC-EG67C)					
	M5GF1	Refer to Overhaul Manual (BOOK : MTMS-EG49A)					
	A4AF3	Refer to Overhaul Manual (BOOK : ATMS-EG4DA)					
	F4A42	Refer to Overhaul Manual (BOOK : ATMS-EG4DA)					

'●' Symbol means that the marked group is included in the relevant manual and CD.