

General Information

GENERAL

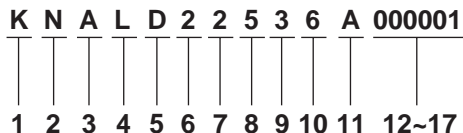
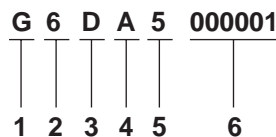
GENERAL

ENGINE IDENTIFICATION NUMBER

IDENTIFICATION NUMBER

DESCRIPTION EA31493B

VEHICLE IDENTIFICATION NUMBER



BAKG003A

SGHGI7002L

- 1 : Geographic zone
- K = KOREA
- 2 : Manufacturer
- N = Kia motor company

- 3 : Vehicle type
- A = Passenger Car
- E = Europe

- 4 - 5 : Vehicle Line/Series
- LD = Opirus (GH)

- 6 - 7 : Body Type
- 22 = 4Door Sedan

- 8 : Engine type
- 5 = 3.8

- 9 : Transaxle
- 3 : Automatic

- 10 : Model year
- 5 = 2005, 6 = 2006, 7 = 2007

- 11 : Plant location
- A = Hwasung Plant

- 12 - 17 : Production sequential number
- 000001 ~ 999999

1. Engine fuel
- G : Gasoline
2. Engine range
- 6 : 4 cycle 6 cylinder
3. Engine development order
- D : Lambda engine
4. Engine capacity
- A : 3778cc
5. Production year
- 5 : 2005, 6 : 2006
6. Engine production sequence number
- 000001 ~ 999999

GENERAL

LUBRICANTS

RECOMMENDED LUBRICANTS

Parts		OIL & GREASE STANDARD	
Engine Oil	Gasoline	API SJ or SL	SAE 5W -20
		If 5W-20 engine oil is not available, 5W-30 or secondary recommended engine oil for corresponding temperature range can be used.	
Transaxle	Auto	DIAMOND ATF SP-III, SK ATF SP-III	
Coolant		Ethylene glycol base for aluminium radiator	
Transaxle linkage, parking brake cable mechanism, hood, door latch, seat adjuster, tailgate latch, door hinges, tailgate hinge		Multipurpose grease NIGL grade #2	

LUBRICANTS CAPACITIES

Description		3.8 (G6DA)
Engine oil	Oil pan	5.5 (5.81, 4.84)
	Drain and refill	5.2 (5.49, 4.58)
	Total	6.0 (6.34, 5.28)
Cooling system		8.7 (9.19, 7.66)
Automatic transaxle		10.9 (11.51, 9.59)

⊗ WARNING

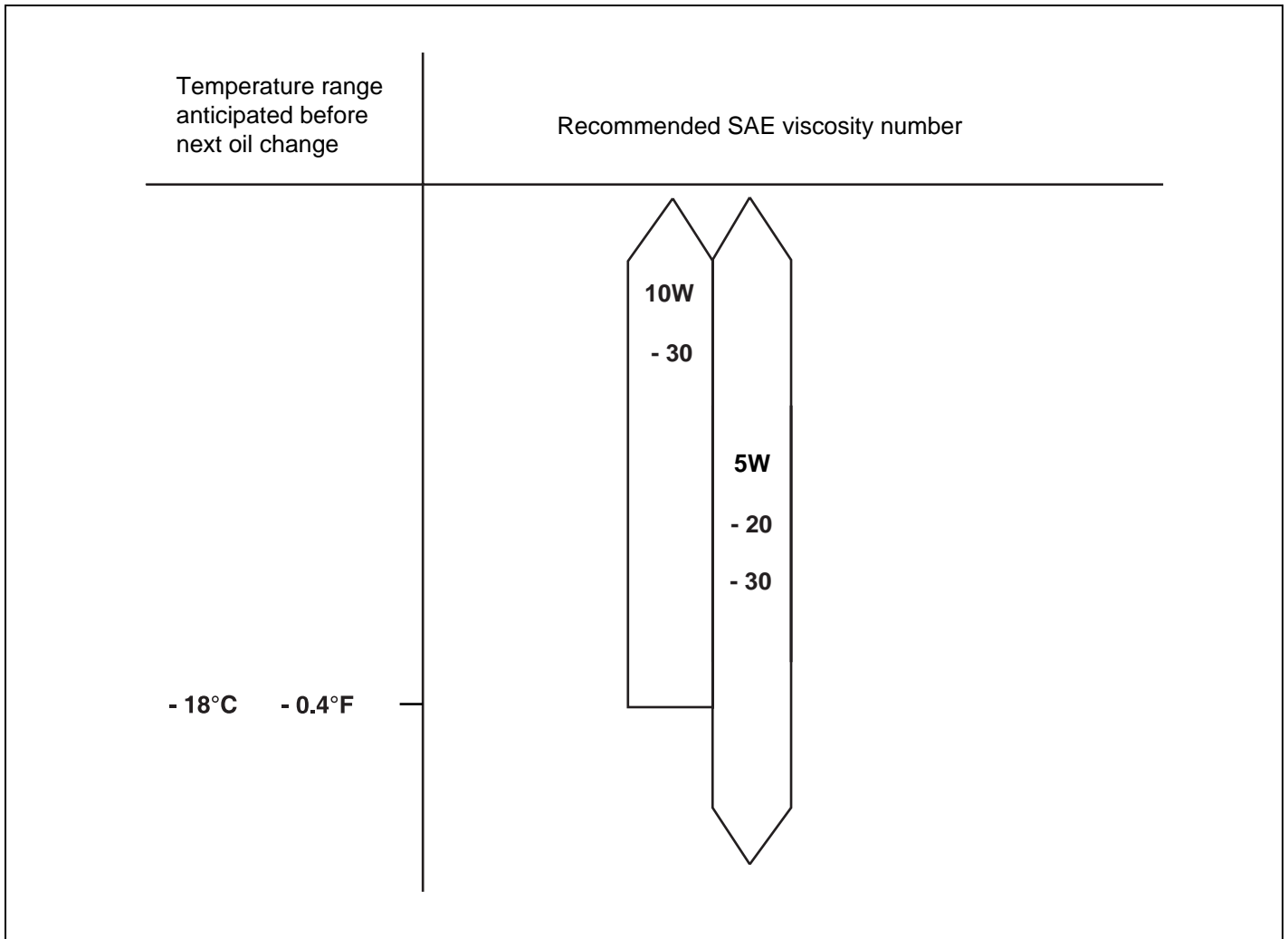
Always use Genuine Kia parts and recommended fluid.

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

SELECTION OF ENGINE OIL

Recommended API classification : SJ or SL ABOVE

Recommended SAE viscosity grades : 5W-20 (If 5W-20 engine oil is not available, 5W-30 or secondary recommended engine oil for corresponding temperature range can be used.)



EDRF020A

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.
3. Lubricants that do not have both an SAE grade number and 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	2007MY	
			Volume 1	Volume 2
Publication code	BOOK	A3FS-EE34A	A3FS-EG68B1	A3FS-EG68B2
	CD	-	A3FC-EG68A	A3FC-EG68A
General Information	GI	●	●	-
Engine	EM	G6CU-3.5	G6DA-3.8	-
Engine Electrical System	EE	G6CU-3.5	G6DA-3.8	-
Emissions Control System	EC	G6CU-3.5	G6DA-3.8	-
Fuel System	FL	G6CU-3.5	G6DA-3.8	-
Automatic Transaxle	AT	F5A51	-	A5HF1
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	A3FE-EG34A	A3FE-EG68B	
	CD	-	A3FC-EG68A	
Overhaul Manual	A5HF1	Refer to Overhaul Manual (BOOK : ATMS-EG55B, CD : A4DC-EG50A)		

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