

VEHICLE GENERAL

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VEHICLE GENERAL

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شرکت دیجیتال خودرو (مسئولیت محدود)

اولین سامانه دیجیتال تعمیرکاران خودرو در ایران



دیجیتال خودرو

شرکت دیجیتال خودرو سامانه (مسئولیت محدود)

اولین سامانه دیجیتال تعمیرکاران خودرو در ایران



VEHICLE GENERAL

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GENERAL INFORMATION

1. MAJOR DIMENSION

Unit: mm

Top view	
 <p>1830</p>	
Side view	
 <p>1675 (1710)</p> <p>920 2650 840 4410</p>	
Front side	Rear view
 <p>1573</p>	 <p>1558</p>

Modification basis	
Application basis	
Affected VIN	

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2. VEHICLE IDENTIFICATION

1) The engine number (671 950 0 2 5000001) is stamped on the lower area of cylinder block in exhaust manifold side.



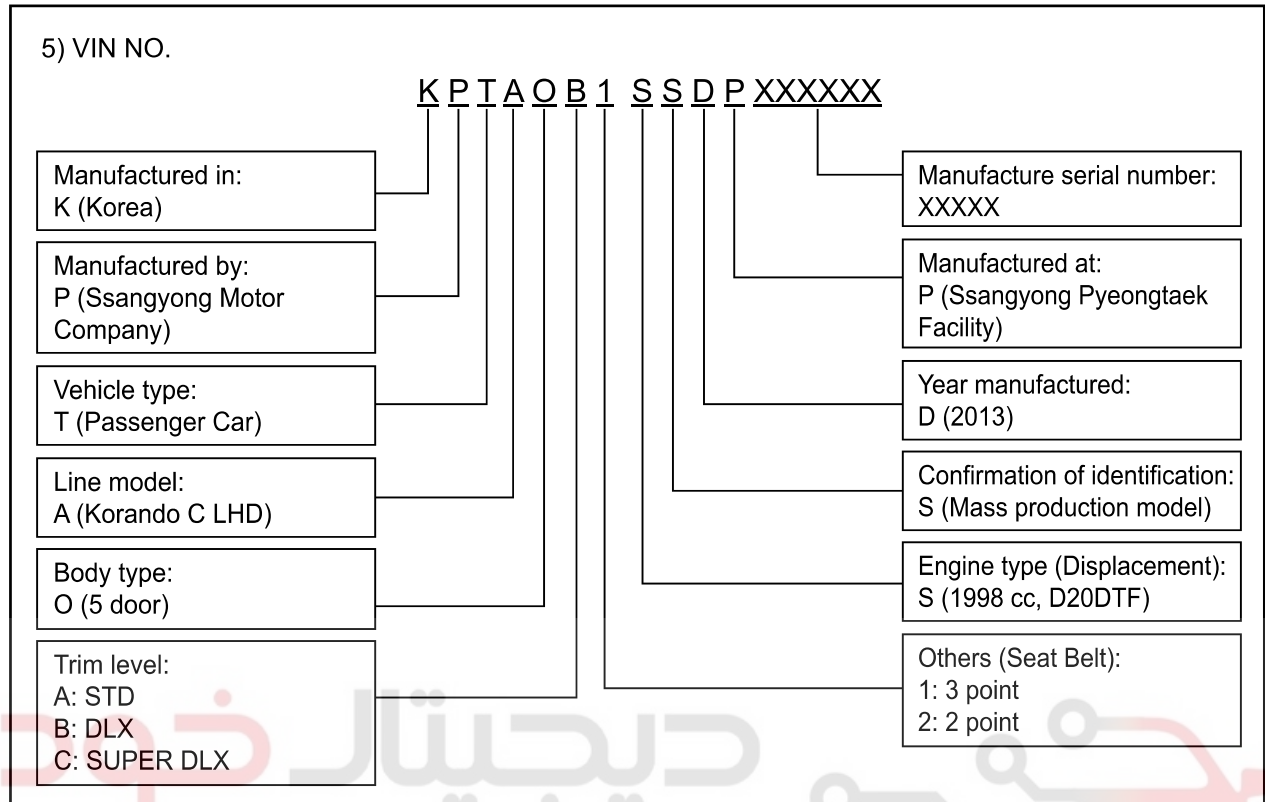
2) The chassis number (KPTA0B1SSAP012345) is stamped on the right side in the engine compartment (passenger side).



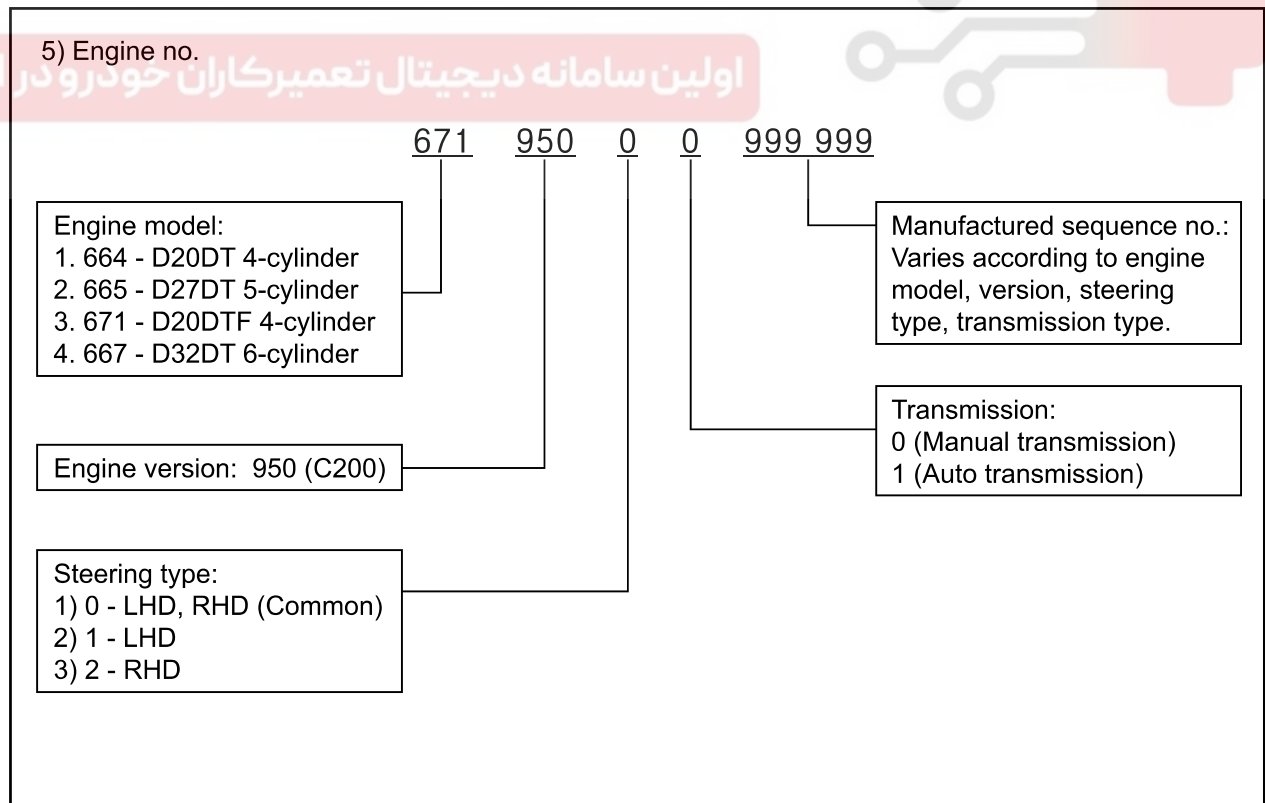
3) The certification label is affixed on the bottom of driver side B-pillar. (30 psi)



► VIN number



► Engine number



Modification basis	
Application basis	
Affected VIN	

3. SPECIFICATION

* () Optional, < > 2WD

Descriptions		Diesel 2.0 Engine	Gasoline 2.0 Engine
General	Overall length (mm)	4410	←
	Overall width (mm)	1830	←
	Overall height (mm)	1675 (1710: including roof rack)	←
	Gross vehicle weight (kg)	4WD: 2260, 2WD: 2180	4WD: 2170, 2WD: 2100
	Curb vehicle weight (kg)	A/T	4WD: 1747, 2WD: 1665
		M/T	4WD: 1727, 2WD: 1645
	Fuel	Diesel	Gasoline
Engine	Fuel tank capacity (ℓ)	57	←
	Engine	D20DTF	G20DF
	Number of cylinders/ Compression ratio	4 / 16.5:1	4 / 10.5:1
	Total displacement (cc)	1998	←
	Camshaft arrangement	DOHC	←
	Max. power	Normal power	175 ps / 4000 rpm
		Low power	149 ps / 3000~4000 rpm (149 ps / 3400~4000 rpm)
		Normal power	149 ps / 6000 rpm
	Max. torque	Normal power	360 Nm / 2000~3000 rpm
		Low power	197 Nm / 4000 rpm
	Idle speed	A/T	360 Nm / 2000~2500 rpm (360 Nm / 1500~2800 rpm)
		M/T	-
	Cooling system	A/T	780 ± 20 rpm
		M/T	700 ± 50 rpm
	Coolant capacity (ℓ)	A/T	750 ± 20 rpm
		M/T	700 ± 20 rpm
	Lubrication type	Water-cooled / forced circulation	←
	Max. oil capacity (ℓ) (when shipping)	8.5	←
	Turbocharger and cooling type	Gear pump, forced circulation	←
		6.0	4.5
		Turbocharger, water-cooled	Water-cooled

* () Optional, < > 2WD

Descriptions			Diesel 2.0 Engine	Gasoline 2.0 Engine
Manual Transaxle	Operating type		Floor change type	←
	Gear ratio	1st	3.538 (3.385)	3.615
		2nd	1.909 (1.708)	1.957
		3rd	1.179 (1.033)	1.207
		4th	0.814 (0.786)	0.905
		5th	0.734 (0.730)	0.842
		6th	0.628 (0.595)	0.714
		Reverse	3.910 (3.747)	3.910
Automatic Transaxle	Model		Electronic 6-speed	←
	Operating type		Floor change type	←
	Gear ratio	1st	4.156 <4.148>	4.212
		2nd	2.375 <2.370>	2.637
		3rd	1.522 <1.556>	1.800
		4th	1.144 <1.155>	1.386
		5th	0.859 <0.859>	1.000
		6th	0.676 <0.686>	0.772
		Reverse	3.178 <3.394>	3.385
Transfer Case	Model		AWD	←
	Type		On demand type	←
Clutch (M/T)	Operating type		Hydraulic type	←
	Disc type		Dry single diaphragm type	←
Power Steering	Type		Rack and pinion (EPS, HPS)	←
	Steering angle	Inner	38.62°	←
		Outer	31.07°	←
Rear Axle	Drive shaft type	Independent suspension	Ball joint type	←
	Axle housing type		IRDA type	←

Modification basis	
Application basis	
Affected VIN	

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* () Optional, < > 2WD

Descriptions		Diesel 2.0 Engine	Gasoline 2.0 Engine
Brake	Master cylinder type	Tandem type	←
	Booster type	Vacuum assisted booster type	←
	Brake type	Front wheel	Disc
		Rear wheel	Disc
	Parking brake	Mechanical type	←
Suspension	Front suspension	Macpherson + Coil spring	←
	Rear suspension	Multi link + Coil spring	←
Air Conditioner	Refrigerant (capacity)	R-134a (430 ± 30g)	←
Electrical	Battery type / Capacity (V-AH)	MF / 12 - 90	←
	Starter capacity (V-KW)	12 - 2.3	12 - 1.4
	Alternator capacity (V-A)	12V - 140A (EPS), 120A (HPS)	12V - 140A

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اولین سامانه دیجیتال تعمیرکاران خودرو در ایران

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Modification basis	
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4. RECOMMENDED FLUIDS AND LUBRICANTS

Descriptions			Capacity	Specifications
Engine Oil	Diesel Engine	D20DTF	≐ 6.0 ℓ	Quality class: Ssangyong genuine engine oil (Total Quartz INEO ECS 5W 30, SK ZIC SY 5W30, or Approved by MB 229.51 5W30)
	Gasoline Engine	G20DF	≐ 4.5 ℓ	Quality class: Ssangyong genuine engine oil (SK ZIC SY 5W30, SK ZIC SY FE 5W20, or Approved by MB 229.51 5W30, SN/GF-5 5W20)
Engine Coolant	Diesel Engine	D20DTF	≐ 8.5 ℓ	Ssangyong genuine coolant Anti-Freeze: SYC-1025 Anti-Freeze:Water = 50:50 ORGANIC ACID TYPE, COLOR:BLUE
	Gasoline Engine	G20DF	≐ 8.5 ℓ	
Automatic Transaxle Fluid		DSI 6A/T	≐ 7.5 ℓ	Ssangyong genuine oil (FUCHS TITAN ATF 3292)
		AISIN 6A/T	≐ 6.6 ℓ	Ssangyong genuine oil (AW-I)
		HPT 6A/T	≐ 7.1 ℓ	Ssangyong genuine oil (SK ATF SP-IV M)
Manual Transaxle Fluid			≐ 1.6 ℓ	Ssangyong genuine oil (HK MTF 70W, SPIRAX S6 GHME 70W, GS MTF HD 70W)
Transfer Case (PTU) Fluid	AWD	GKN	≐ 0.58 ℓ	Ssangyong genuine oil (IDEMITSU LW 80W/90)
		M&M	≐ 0.6 ℓ	Ssangyong genuine oil (VALVOLINE 75W-90 or Approved by SAE J2360 75W-90)
Rear Axle Oil		AWD	≐ 0.7 ℓ	Ssangyong genuine oil (SAE 80W/90, API GL-5)
Brake / Clutch Fluid			As required	Ssangyong genuine oil (DOT4)
Power Steering Fluid			≐ 1.0 ℓ	Ssangyong genuine oil (S-PSF-3) * TOTAL FLUIDE DA (Extreme cold condition only)

WARNING

- Use only Ssangyong recommended fluids and lubricants.
- Do not mix any different types or brands of oils or fluids. This may cause damages.
- Keep the specified levels when adding or replacing the fluids.

Modification basis	
Application basis	
Affected VIN	

5. SCHEDULED MAINTENANCE SERVICES

1) Diesel Engine(EU)

* Use only approved Ssangyong genuine parts.

Maintenance service and record retention are the owner's responsibility. You should retain evidence that proper maintenance has been performed on your vehicle in accordance with the scheduled maintenance service chart.

* EU Countries: Only countries that belong to EU. (It does not apply to all countries in EU.)

MAINTENANCE INTERVAL MAINTENANCE ITEM	Kilometers (miles) or time in months, whichever comes first								
	x1000 km	20	40	60	80	100	120	140	160
	x1000 miles	12.5	25	37.5	50	62.5	75	87.5	100
	Months	12	24	36	48	60	72	84	96

ENGINE CONTROL SYSTEM

Drive belt	I	I	I	I	I	I	I	I	I
* Engine oil & filter * ¹ (1)* (3)* (4)*	R	R	R	R	R	R	R	R	R
	Shorten the service interval under severe conditions								
Cooling system hose & connections	I	I	I	I	I	I	I	I	I
Engine coolant (3)* (4)	Change every 200000 km or 5 years. And, inspect and replenish if necessary.								
Fuel filter (1)*		R		R		R		R	
	Drain the water from fuel filter when the warning light comes on								
Fuel line & connections	I	I	I	I	I	I	I	I	I
Air cleaner (2)*	R	R	R	R	R	R	R	R	R
	Shorten the service interval under severe conditions								

Chart Symbols:

I - Inspect these items and their related parts. If necessary, correct, clean, replenish, adjust or replace.

*1 Check the engine oil level and leak every 3000 km (2000 miles) or before starting a long trip.

R- Replace or change.

(1)*If vehicle is operated under severe condition:

Shorten the service interval.

- Frequent stop-and-go traffic, extended idling, short driving distance below 6 km, driving distance below 16 km when the outside temperature remains below freezing
- Driving in a hilly or mountainous terrain, sandy, or dusty area
- High load driving such as trailer towing
- Taxi, patrol service or delivery service (extended idling and excessive driving with low speed)

(2)* If vehicle is operated under severe condition, driving in dusty condition or sandy condition, pollutant area or off-road driving, frequently inspect the air cleaner, if necessary, change the air cleaner.

(3)* More frequent maintenance is required if under dusty driving condition.

(4)* Refer to "Recommended fluids, coolant and lubricants".

* EU Countries: Only countries that belong to EU. (It does not apply to all countries in EU.)

MAINTENANCE INTERVAL MAINTENANCE ITEM	Kilometers (miles) or time in months, whichever comes first								
	x1000 km	20	40	60	80	100	120	140	160
	x1000 miles	12.5	25	37.5	50	62.5	75	87.5	100
	Months	12	24	36	48	60	72	84	96

CHASSIS AND BODY

Exhaust pipes & mountings		I	I	I	I	I	I	I
Brake / Clutch fluid (3)*		Change every 2 years (inspect frequently)						
Parking brake / Brake pads (Front & Rear) (4)*		I	I	I	I	I	I	I
Brake line & connections (including booster)		I	I	I	I	I	I	I
Manual transaxle oil (5)*				I		I		
Clutch & brake pedal free play		I	I	I	I	I	I	I
Power transfer unit oil (6)*		I	I	I	I	I	I	I
		Severe driving condition: Change every 60000 km						
Rear axle oil		Inspect every 20000 km, change every 100000 km (Frequent check of oil leak)						
Automatic transaxle fluid (6)*	HPT, DSI	I	I	I	I	I	I	I
		Change every 60000 km under severe condition						
	AISIN	Inspect every 50000 km or 36 month (But change every 100000 km under severe condition)						
Check play/tightness for lower bolt/nut and ball joint grease leak on chassis and body (6)*		Check frequently and adjust or replace if necessary						

Chart Symbols:

I - Inspect these items and their related parts. If necessary, correct, clean, replenish, adjust or replace.

R- Replace or change.

(3)*Refer to "Recommended fluids and lubricants".

(4)*More frequent maintenance is required if the vehicle is operated under any of the following conditions:

- In heavy city traffic where the outside temperature regularly reaches 32°C (90°F) or higher, or
- In hilly or mountainous terrain, or
- When doing frequent trailer towing, or
- Uses such as found in taxi, police or delivery service.

(5)*Inspect and replenish every 60000 km (or 3 years)

Normal driving condition: Fill for Life

(Severe driving condition: Change every 120000 km)

(6)*If vehicle is operated under severe condition: Shorten the service interval.

- Towing a trailer or off-road driving (Inspect the leak of fluid at any time, occasionally)
- Taxi, patrol service or delivery service (extended idling and excessive driving with low speed)
- Frequent stop-and-go traffic, extended idling, short driving distance
- Driving in a hilly or mountainous terrain, sandy, or dusty area
- Driving frequently at high speed over 170 km/hour
- Driving frequently in area where heavy traffic under the ambient temperature above 32°C

Modification basis	
Application basis	
Affected VIN	

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* EU Countries: Only countries that belong to EU. (It does not apply to all countries in EU.)

MAINTENANCE INTERVAL MAINTENANCE ITEM	Kilometers (miles) or time in months, whichever comes first								
	x1000 km	20	40	60	80	100	120	140	160
	x1000 miles	12.5	25	37.5	50	62.5	75	87.5	100
	Months	12	24	36	48	60	72	84	96

CHASSIS AND BODY

Tire condition & inflation pressure	Check frequently and adjust or replace if necessary							
Wheel alignment (7)*	Inspect when abnormal condition is noted							
Steering wheel & linkage	I	I	I	I	I	I	I	I
Power steering fluid & lines (3)*	I	I	I	I	I	I	I	I
Drive shaft boots (8)*	I	I	I	I	I	I	I	I
Seat belts, buckles & anchors	I	I	I	I	I	I	I	I
Lubricate locks, hinges & bonnet latch	Check frequently and adjust or replace if necessary							
Wheel bearing grease	I	I	I	I	I	I	I	I
Propeller shaft grease - Front / Rear (9)*	I	I	I	I	I	I	I	I
Air conditioner filter (10)*	R	R	R	R	R	R	R	R
	Shorten the service interval under severe conditions							

Chart Symbols:

I - Inspect these items and their related parts. If necessary, correct, clean, replenish, adjust or replace.

R- Replace or change.

(3)*Refer to "Recommended fluids and lubricants".

(7)*If necessary, rotate and balance wheels.

(8)*After completion of off-road operation, the drive shaft boots should be inspected.

(9)*Inspect propeller shaft grease every 5000 km or 3 months if the vehicle is mainly driven under severe condition.

- In off-road or dusty road, or

- In heavy city traffic where the outside temperature regularly reaches 32°C (90°F) or higher, or

- In hilly or mountainous terrain.

(10)*Severe Conditions in Air Conditioner Filter

- Pollutant area or off-road driving, extended air conditioner or heater operation

2) Diesel Engine(General)

* Use only approved Ssangyong genuine parts.

Maintenance service and record retention are the owner's responsibility. You should retain evidence that proper maintenance has been performed on your vehicle in accordance with the scheduled maintenance service chart.

MAINTENANCE INTERVAL MAINTENANCE ITEM	Kilometers (miles) or time in months, whichever comes first								
	x1000 km	15	30	45	60	75	90	105	120
	x1000 miles	10	20	30	40	50	60	70	80
	Months	12	24	36	48	60	72	84	96

ENGINE CONTROL SYSTEM

Drive belt	I	I	I	I	I	I	I	I
* Engine oil & filter * ¹ (1)* (3)* (4)*	R	R	R	R	R	R	R	R
	Shorten the service interval under severe conditions							
Cooling system hose & connections	I	I	I	I	I	I	I	I
Engine coolant (3)* (4)	Change every 200000 km or 5 years. And, inspect and replenish if necessary.							
Fuel filter (1)*	I	I	R	I	I	R	I	I
	Drain the water from fuel filter when the warning light comes on							
Fuel line & connections	I	I	I	I	I	I	I	I
Air cleaner (2)*	R	R	R	R	R	R	R	R
	Shorten the service interval under severe conditions							

Chart Symbols:

I - Inspect these items and their related parts. If necessary, correct, clean, replenish, adjust or replace.

*1. Check the engine oil level and leak every 3000 km (2000 miles) or before starting a long trip.

R- Replace or change.

(1)*If vehicle is operated under severe condition:

Shorten the service interval.

- Frequent stop-and-go traffic, extended idling, short driving distance below 6 km, driving distance below 16 km when the outside temperature remains below freezing
- Driving in a hilly or mountainous terrain, sandy, or dusty area
- High load driving such as trailer towing
- Taxi, patrol service or delivery service (extended idling and excessive driving with low speed)

(2)* If vehicle is operated under severe condition, driving in dusty condition or sandy condition, pollutant area or off-road driving, frequently inspect the air cleaner, if necessary, change the air cleaner.

(3)* More frequent maintenance is required if under dusty driving condition.

(4)* Refer to "Recommended fluids, coolant and lubricants".

Modification basis	
Application basis	
Affected VIN	

MAINTENANCE INTERVAL MAINTENANCE ITEM	Kilometers (miles) or time in months, whichever comes first								
	x1000 km	15	30	45	60	75	90	105	120
	x1000 miles	10	20	30	40	50	60	70	80
	Months	12	24	36	48	60	72	84	96

CHASSIS AND BODY

Exhaust pipes & mountings	I	I	I	I	I	I	I	I
Brake / Clutch fluid (3)*	Change every 2 years (inspect frequently)							
Parking brake / Brake pads (Front & Rear) (4)*	I	I	I	I	I	I	I	I
Brake line & connections (including booster)	I	I	I	I	I	I	I	I
Manual transaxle oil (5)*				I				I
Clutch & brake pedal free play	I	I	I	I	I	I	I	I
Power transfer unit oil (6)*	I	I	I	I	I	I	I	I
	Severe driving condition: Change every 60000 km							
Rear axle oil	Inspect every 15000 km, change every 100000 km (Frequent check of oil leak)							
Automatic transaxle fluid (6)*	HPT, DSI	Inspect every 15000 km or 12 month (But change every 60000 km under severe condition)						
	AISIN	Inspect every 50000 km or 36 month (But change every 100000 km under severe condition)						
Check play/tightness for lower bolt/nut and ball joint grease leak on chassis and body (6)*	Check frequently and adjust or replace if necessary							

Chart Symbols:

I - Inspect these items and their related parts. If necessary, correct, clean, replenish, adjust or replace.

R- Replace or change.

(3)*Refer to "Recommended fluids and lubricants".

(4)*More frequent maintenance is required if the vehicle is operated under any of the following conditions:

- In heavy city traffic where the outside temperature regularly reaches 32°C (90°F) or higher, or
- In hilly or mountainous terrain, or
- When doing frequent trailer towing, or
- Uses such as found in taxi, police or delivery service.

(5)*Inspect and replenish every 60000 km (or 4 years)

Normal driving condition: Fill for Life

(Severe driving condition: Change every 120000 km)

(6)*If vehicle is operated under severe condition: Shorten the service interval.

- Towing a trailer or off-road driving (Inspect the leak of fluid at any time, occasionally)
- Taxi, patrol service or delivery service (extended idling and excessive driving with low speed)
- Frequent stop-and-go traffic, extended idling, short driving distance
- Driving in a hilly or mountainous terrain, sandy, or dusty area
- Driving frequently at high speed over 170 km/hour
- Driving frequently in area where heavy traffic under the ambient temperature above 32°C

Modification basis	
Application basis	
Affected VIN	

MAINTENANCE INTERVAL MAINTENANCE ITEM	Kilometers (miles) or time in months, whichever comes first								
	x1000 km	15	30	45	60	75	90	105	120
	x1000 miles	10	20	30	40	50	60	70	80
	Months	12	24	36	48	60	72	84	96

CHASSIS AND BODY

Tire condition & inflation pressure	Check frequently and adjust or replace if necessary							
Wheel alignment (7)*	Inspect when abnormal condition is noted							
Steering wheel & linkage	I	I	I	I	I	I	I	I
Power steering fluid & lines (3)*	I	I	I	I	I	I	I	I
Drive shaft boots (8)*	I	I	I	I	I	I	I	I
Seat belts, buckles & anchors	I	I	I	I	I	I	I	I
Lubricate locks, hinges & bonnet latch	Check frequently and adjust or replace if necessary							
Wheel bearing grease	I	I	I	I	I	I	I	I
Propeller shaft grease - Front / Rear (9)*	I	I	I	I	I	I	I	I
Air conditioner filter (10)*	R	R	R	R	R	R	R	R
	Shorten the service interval under severe conditions							

Chart Symbols:

I - Inspect these items and their related parts. If necessary, correct, clean, replenish, adjust or replace.

R- Replace or change.

(3)*Refer to "Recommended fluids and lubricants".

(7)*If necessary, rotate and balance wheels.

(8)*After completion of off-road operation, the drive shaft boots should be inspected.

(9)*Inspect propeller shaft grease every 5000 km or 3 months if the vehicle is mainly driven under severe condition.

- In off-road or dusty road, or

- In heavy city traffic where the outside temperature regularly reaches 32°C (90°F) or higher, or

- In hilly or mountainous terrain.

(10)*Severe Conditions in Air Conditioner Filter

- Pollutant area or off-road driving, extended air conditioner or heater operation

Modification basis	
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3) Gasoline Engine

* Use only approved Ssangyong genuine parts.

Maintenance service and record retention are the owner's responsibility. You should retain evidence that proper maintenance has been performed on your vehicle in accordance with the scheduled maintenance service chart.

* EU Countries: Only countries that belong to EU. (It does not apply to all countries in EU.)

MAINTENANCE INTERVAL MAINTENANCE ITEM	Kilometers (miles) or time in months, whichever comes first								
	x1000 km	15	30	45	60	75	90	105	120
	x1000 miles	10	20	30	40	50	60	70	80
	Months	12	24	36	48	60	72	84	96

ENGINE CONTROL SYSTEM

Drive belt	I	I	I	I	I	I	I	I	I
Engine oil & engine oil filter (1)* (3)* (Initial change: 10000 km)	R**	R	R	R	R	R	R	R	R
	Shorten the service interval under severe conditions								
Cooling system hose & connections	I	I	I	I	I	I	I	I	I
Engine coolant (3)*	Change every 200000 km or 5 years. And, inspect replenish if necessary.								
Fuel filter (2)*	Replace every 100000 km (if using poor quality of fuel, replace every 30000 km)								
Fuel line & connections	I	I	I	I	I	I	I	I	I
Air cleaner (2)*	R	R	R	R	R	R	R	R	R
	Shorten the service interval under severe conditions								
Ignition timing	I	I	I	I	I	I	I	I	I
Spark plugs (G20DF)	Change every 160000 km or 5 years.								
Charcoal canister & vapor lines	-	-	I	-	-	I	-	-	-

Chart Symbols:

I - Inspect these items and their related parts. If necessary, correct, clean, replenish, adjust or replace.

R- Replace or change.

** - In order to secure engine long life and effective break-in, first oil (factory filled) would be recommended to drain within 10000 km.

(1)* If vehicle is operated under severe condition:

Shorten the service interval.

- Frequent stop-and-go traffic, extended idling, short driving distance below 6 km, driving distance below 16 km when the outside temperature remains below freezing
- Driving in a hilly or mountainous terrain, sandy, or dusty area
- High load driving such as trailer towing
- Taxi, patrol service or delivery service (extended idling and excessive driving with low speed)

(2)* If vehicle is operated under severe condition, pollutant area or off-road driving, driving in dusty condition or sandy condition, frequently inspect the air cleaner, if necessary, change the air cleaner.

(3)* Refer to "Recommended fluids and lubricants".

MAINTENANCE INTERVAL MAINTENANCE ITEM	Kilometers (miles) or time in months, whichever comes first								
	x1000 km	15	30	45	60	75	90	105	120
	x1000 miles	10	20	30	40	50	60	70	80
	Months	12	24	36	48	60	72	84	96

CHASSIS AND BODY

Exhaust pipes & mountings	I	I	I	I	I	I	I	I
Brake / Clutch fluid (3)*	Change every 2 years (inspect frequently)							
Parking brake / Brake pads (Front & Rear) (4)*	I	I	I	I	I	I	I	I
Brake line & connections (including booster)	I	I	I	I	I	I	I	I
Manual transaxle oil (5)*				I				I
Clutch & brake pedal free play	I	I	I	I	I	I	I	I
Power transfer unit oil (6)*	I	I	I	I	I	I	I	I
	Severe driving condition: Change every 60000 km							
Rear axle oil	Inspect every 15000 km, change every 100000 km (Frequent check of oil leak)							
Automatic trans-axle fluid (6)*	General	Change every 100000 km under severe condition						
	EU	Change every 90000 km under severe condition						
Check play/tightness for lower bolt/nut and ball joint grease leak on chassis and body (6)*	Check frequently and adjust or replace if necessary							

Chart Symbols:

I - Inspect these items and their related parts. If necessary, correct, clean, replenish, adjust or replace.
R- Replace or change.

(3)* Refer to "Recommended fluids and lubricants".

(4)* More frequent maintenance is required if the vehicle is operated under any of the following conditions:

- In heavy city traffic where the outside temperature regularly reaches 32°C (90°F) or higher, or
- In hilly or mountainous terrain, or
- When doing frequent trailer towing, or
- Uses such as found in taxi, police or delivery service.

(5)* Inspect and replenish every 60000 km (or 4 years)

Normal driving condition: Fill for Life

(Severe driving condition: Change every 120000 km)

(6)* If vehicle is operated under severe condition: Shorten the service interval.

- Towing a trailer or off-road driving (Inspect the leak of fluid at any time, occasionally)
- Taxi, patrol service or delivery service (extended idling and excessive driving with low speed)
- Frequent stop-and-go traffic, extended idling, short driving distance
- Driving in a hilly or mountainous terrain, sandy, or dusty area
- Driving frequently at high speed over 170 km/hour
- Driving frequently in area where heavy traffic under the ambient temperature above 32°C

Modification basis	
Application basis	
Affected VIN	

MAINTENANCE INTERVAL MAINTENANCE ITEM	Kilometers (miles) or time in months, whichever comes first								
	x1000 km	15	30	45	60	75	90	105	120
	x1000 miles	10	20	30	40	50	60	70	80
	Months	12	24	36	48	60	72	84	96

CHASSIS AND BODY

Tire condition & inflation pressure	Check frequently and adjust or replace if necessary							
Wheel alignment (7)*	Inspect when abnormal condition is noted							
Steering wheel & linkage	I	I	I	I	I	I	I	I
Power steering fluid & lines (3)*	I	I	I	I	I	I	I	I
Drive shaft boots (8)*	I	I	I	I	I	I	I	I
Seat belts, buckles & anchors	I	I	I	I	I	I	I	I
Lubricate locks, hinges & bonnet latch	Check frequently and adjust or replace if necessary							
Wheel bearing grease	I	I	I	I	I	I	I	I
Propeller shaft grease - Front / Rear (9)*	I	I	I	I	I	I	I	I
Air conditioner filter (10)*	R	R	R	R	R	R	R	R
	Shorten the service interval under severe conditions							

Chart Symbols:

I - Inspect these items and their related parts. If necessary, correct, clean, replenish, adjust or replace.

R- Replace or change.

(3)*Refer to "Recommended fluids and lubricants".

(7)*If necessary, rotate and balance wheels.

(8)*After completion of off-road operation, the drive shaft boots should be inspected.

(9)*Inspect propeller shaft grease every 5000 km or 3 months if the vehicle is mainly driven under severe condition.

- In off-road or dusty road, or

- In heavy city traffic where the outside temperature regularly reaches 32°C (90°F) or higher, or

- In hilly or mountainous terrain.

(10)*Severe Conditions in Air Conditioner Filter

- Pollutant area or off-road driving, extended air conditioner or heater operation