# MAINTENANCE

SECTION MA

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# Supplemental Restraint System (SRS) "AIR BAG"

The Supplemental Restraint System "Air Bag", used along with a seat belt, helps to reduce the risk or severity of injury to the driver and front passenger in a frontal collision. The Supplemental Restraint System consists of air bag modules (located in the center of the steering wheel and on the instrument panel on the passenger side), a diagnosis sensor unit, warning lamp, wiring harness and spiral cable. Information necessary to service the system safely is included in the **RS section** of this Service Manual.

#### WARNING:

- To avoid rendering the SRS inoperative, which could increase the risk of personal injury or death in the event of a collision which would result in air bag inflation, all maintenance must be performed by an authorized NISSAN dealer.
- Improper maintenance, including incorrect removal and installation of the SRS, can lead to personal injury caused by unintentional activation of the system.
- Do not use electrical test equipment on any circuit related to the SRS unless instructed to in this Service Manual. SRS wiring harnesses are covered with yellow insulation either just before the harness connectors or for the complete harness, for easy identification.

### **Special Service Tool**

The actual shapes of Kent-Moore tools may differ from these of special service tools illustrated here.

Tool number (Kent-Moore No.) Tool name	Description	
KV10115801 (J38956) Oil filter wrench		
	NT375	a: 64.3 mm (2.531 in)

General maintenance includes those items which should be checked during normal day-to-day operation of the vehicle. They are essential if the vehicle is to continue operating properly. The owners can perform checks and inspections themselves or have their NISSAN dealers do them.

Item	Reference page		
OUTSIDE THE VEHICLE The maintenance items listed here should be performed from time to time, unless otherwise specified.			
<b>Tires</b> Check the pressure with a gauge periodically when at a service station, including the spare, and adjust to the specified pressure if necessary. Check carefully for damage, cuts or excessive wear.	_		
Wheel nuts When checking the tires, make sure no nuts are missing, and check for any loose nuts. Tighten if necessary.			
Tire rotation Tires should be rotated every 12,000 km (7,500 miles).	MA-19		
Wheel alignment and balance If the vehicle pulls to either side while driving on a straight and level road, or if you detect uneven or abnormal tire wear, there may be a need for wheel alignment. If the steering wheel or seat vibrates at normal highway speeds, wheel balancing may be needed.	MA-18 FA-6		
Windshield wiper blades Check for cracks or wear if they do not wipe properly.			
<b>Doors and engine hood</b> Check that all doors and the engine hood operate smoothly as well as the trunk lid or back hatch. Also make sure that all latches lock securely. Lubricate if necessary. Make sure that the secondary latch keeps the hood from opening when the primary latch is released. When driving in areas using road salt or other corrosive materials, check lubrication frequently.	MA-21		
INSIDE THE VEHICLE The maintenance items listed here should be checked on a regular basis, such as when per- forming periodic maintenance, cleaning the vehicle, etc.			
Lamps Make sure that the headlamps, stop lamps, tail lamps, turn signal lamps, and other lamps are all operating properly and installed securely. Also check headlamp aim.			
Warning lights and buzzers/chimes Make sure that all warning lights and buzzers/chimes are operating properly.			
Windshield wiper and washer Check that the wipers and washer operate properly and that the			
Windshield defroster Check that air comes out of the defroster outlets properly and in good quantity when operating the heater or air conditioner.	_		
Steering wheel Check that it has the specified play. Be sure to check for changes in the steer- ing condition, such as excessive play, hard steering or strange noises. Free play: Less than 35 mm (1.38 in)	_		
Seats Check seat position controls such as seat adjusters, seatback recliner, etc. to make sure they operate smoothly and that all latches lock securely in every position. Check that the head restrains move up and down smoothly and that the locks (if equipped) hold securely in all latched positions. Check that the latches lock securely for folding-down rear seatbacks.			
Seat belts Check that all parts of the seat belt system (e.g. buckles, anchors, adjusters and retractors) operate properly and smoothly, and are installed securely. Check the belt webbing for cuts, fraying, wear or damage.	MA-21		

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# **GENERAL MAINTENANCE**

Item	Reference page
Clutch pedal Make sure the pedal operates smoothly and check that it has the proper free play.	CL-4
Brakes Check that the brake does not pull the vehicle to one side when applied.	
<b>Brake pedal and booster</b> Check the pedal for smooth operation and make sure it has the proper distance under it when depressed fully. Check the brake booster function. Be sure to keep the floor mats away from the pedal.	BR-6, 7
Parking brake Check that the lever has the proper travel and make sure that the vehicle is held securely on a fairly steep hill when only the parking brake is applied.	BR-21
Automatic transaxle "Park" mechanism Check that the brake pedal must be depressed for the selector lever to be moved from the "P" position. On a fairly steep hill check that the vehicle is held securely with the selector lever in the "P" position without applying any brakes.	
UNDER THE HOOD AND VEHICLE The maintenance items listed here should be checked periodically (e.g. each time you check the engine oil or refuel).	
Windshield washer fluid Check that there is adequate fluid in the tank.	_
Engine coolant level Check the coolant level when the engine is cold.	MA-11
Radiator and hoses Check the front of the radiator and clean off any dirt, insects, leaves, etc., that may have accumulated. Make sure the hoses have no cracks, deformation, deterioration or loose connections.	_
Brake and clutch fluid levels Make sure that the brake and clutch fluid levels are between the "MAX" and "MIN" lines on the reservoir.	MA-19, 17
Battery Check the fluid level in each cell. It should be between the "MAX" and "MIN" lines.	_
Engine drive belts Make sure that no belt is frayed, worn, cracked or oily.	MA-10
Engine oil level Check the level on the dipstick after parking the vehicle on a level spot and turning off the engine.	MA-14
Power steering fluid level and lines Check the level on the dipstick with the engine off. Check the lines for improper attachment, leaks, cracks, etc.	MA-20
Automatic transaxle fluid level Check the level on the dipstick after putting the selector lever in "P" with the engine idling.	MA-18
Exhaust system Make sure there are no loose supports, cracks or holes. If the sound of the exhaust seems unusual or there is a smell of exhaust fumes, immediately locate the trouble and correct it.	MA-17
<b>Underbody</b> The underbody is frequently exposed to corrosive substances such as those used on icy roads or to control dust. It is very important to remove these substances, otherwise rust will form on the floor pan, frame, fuel lines and around the exhaust system. At the end of winter, the underbody should be thoroughly flushed with plain water, being careful to clean those areas where mud and dirt can easily accumulate.	
Fluid leaks Check under the vehicle for fuel, oil, water or other fluid leaks after the vehicle has been parked for a while. Water dripping from the air conditioner after use is normal. If you should notice any leaks or if gasoline fumes are evident, check for the cause and correct it mmediately.	

Two different maintenance schedules are provided, and should be used, depending upon the conditions in which the vehicle is mainly operated. After 60,000 miles (96,000 km) or 48 months, continue the periodic maintenance at the same mileage/time intervals.

### **SCHEDULE 1**

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<ul> <li>Follow Periodic Maintenance Schedule 1 if your driving habits frequently includes one or more of the following driving conditions:</li> <li>Repeated short trips of less than 5 miles (8 km).</li> <li>Repeated short trips of less than 10 miles (16 km) with outside temperatures remaining below freezing.</li> </ul>	MA
<ul> <li>Operating in hot weather in stop-and-go "rush hour" traffic.</li> <li>Extensive idling and/or low speed driving for long distances, such as police, taxi or door-to-door delivery use.</li> <li>Driving in dusty conditions.</li> </ul>	EM
<ul> <li>Driving on rough, muddy, or salt spread roads.</li> <li>Towing a trailer, using a camper or a car-top carrier.</li> </ul>	LÇ
SCHEDULE 2 Follow Periodic Maintenance Schedule 2 if none of the driving conditions shown in Schedule 1 apply to your	EC
driving habits.	<u>e</u> r,
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MAINTENANCE OPERATION							~	<b>AINTE</b>	ENANC	MAINTENANCE INTERVAL	RVAL							
Perform at number of miles.	Miles x 1,000	3.75	7.5	11.25	15	18.75	22.5	26.25	30	33.75	37.5 4	41.25	45 41	48.75 5	52.5 56	56.25 60		
kilometers or months,	(km x 1,000)	(9)	(12)	(18)	(24)	(30)	(36)	(42)	(48)	(54)	(09)	(99)	(72) (	(78) (8	(84) (9	(96) (06)		Herence page
whichever comes first.	Months	3	9	6	12	15	18	21	24	27	30	33	36	39 2	42 4	45 48	~	
Emission control system ma	system maintenance																	
Drive belts	See NOTE (1)															*		MA-10
Air cleaner filter	See NOTE (2)								۲ ۳							E		MA-13
Vapor lines									*							*		MA-16
Fuel lines									*							<u>*</u>		MA-12
Fuel filter	See NOTE (3)*										i						MP	MA-12
Engine coolant	See NOTE (4)						1				:		l			Ē		MA-11
Engine oil		œ	œ	æ	ш	Œ	Œ	Œ	æ	Ē	æ	E E	Ē	ш		Ш		MA-14
Engine oil filter (Use part No. 15208-31000 or equivalent.)	U00 or equivalent.)	ш	œ	æ	æ	Ē	Ē	Œ	æ	Œ	œ	L CC		L C		E E		MA-14
Spark plugs (Use PLATINUM-TIPPED type)	PED type)															Ē		MA-15
Intake & exhaust valve clearance	See NOTE (5)																Ш	EM-47
Chassis and body maintenance	ance																	
Brake lines & cables					_				-				_			-	ΨW	MA-19
Brake pads & discs			_		-		-		_		-		_		_	-	MA	MA-19
Manual & automatic transaxle oil	See NOTE (6)				-				-				-			-	MA-1	MA-17, 18
Steering gear & linkage, axle & suspension parts	sion parts				-		-		-		-		_		_		MA-20 R/	MA-20, FA-5, RA-4
Steering linkage ball joints & front suspension ball joints	ension ball joints		-		_		-		_		_		_		_	-	MA-2(	MA-20, FA-5
Exhaust system			-			-	_		-		_		_		-		dΜ	MA-17
Drive shaft boots			-		-		-		_				_			-	E	FA-7
Air bag system	See NOTE (7)																Ĕ	RS-7
<ul> <li>NOTE: (1) After 60,000 miles (96,000 km) or 48 months, inspect every 15,000 miles (24,000 km) or 12 months.</li> <li>(2) If operating mainly in dusty conditions, more frequent maintenance may be required.</li> <li>(3) If vehicle is operated under extremely adverse weather conditions or in areas where ambient temperatures are either extremely low or extremely high, the filters might become clogged. In such an event, replace them immediately.</li> <li>(4) After 60,000 miles (96,000 km) or 48 months, replace every 30,000 miles (48,000 km) or 24 months.</li> <li>(5) If valve noise increases, inspect valve clearance.</li> <li>(6) If towing a trailer, using a camper or a cartop carrier, or driving on rough or muddy roads, change (not just inspect) oil at every 30,000 miles (48,000 km).</li> </ul>	000 km) or 48 months, dusty conditions, more nder extremely advers logged. In such an eve 000 km) or 48 months, s, inspect valve cleara g a camper or a car-to	inspect every 15,000 miles (24,000 km) or 12 months i frequent maintenance may be required. e weather conditions or in areas where ambient temp ent, replace them immediately. replace every 30,000 miles (48,000 km) or 24 months nce.	st evel ent me her cc lace t e evel er, or (	inspect every 15,000 miles (24,000 km) or 12 months. frequent maintenance may be required. a weather conditions or in areas where ambient temp mt, replace them immediately. replace every 30,000 miles (48,000 km) or 24 months. toe.	00 mi ns or 00 mi 00 mi 1 on r	iles (2 in are in are iately. les (4) ough o	4,000 e requ as wh 8,000 or muc	km) oi ired. ere ar km) oi ddy ro	r 12 n nbien r 24 m ads, e	ionths t temp ionths chang	eratur e (not	es are just ir	eithe Ispect	r extre ) oil at	mely	ow or / 30,00	inspect every 15,000 miles (24,000 km) or 12 months. i frequent maintenance may be required. e weather conditions or in areas where ambient temperatures are either extremely low or extremely high, the sint, replace them immediately. replace every 30,000 miles (48,000 km) or 24 months. nce. p carrier, or driving on rough or muddy roads, change (not just inspect) oil at every 30,000 miles (48,000 km)	high, 1
(7) Inspect the air bag system 10 years after the ★ Maintenance items and intervals with "*" are	stem 10 years after the intervals with "*" are		f man mend	ufactu ed by	Ire no NISS/	AN/INF	In the F	MVSS for rel	s certi liable	ficatic	date of manufacture noted on the FMVSS certification label. recommended by NiSSAN/INFINITI for reliable vehicle opera	l. ation.	The	owner	need	not pe	date of manufacture noted on the FMVSS certification label. recommended by NiSSAN/INFINITI for reliable vehicle operation. The owner need not perform such mainte-	h mai
nance in order to maintain the emission warranty or manufacturer recall liability. Other maintenance items and intervals are required	ain the emission warr	anty or	manu	ifactur	er rec	sall lia	bility.	Other	main	tenanc	se iterr	is and	linter	vals ar	e requ	uired.		

# PERIODIC MAINTENANCE

Schedule 1

-	Miles x 1.000	7.5 15 25	22.5 30 37.5	45 52 G	en	
Perform at number of miles, kilometers or months,	(km x 1,000)	(24)	(48)	(72) (84)	_	Reference page
whichever comes first.	Months	6 12 1	18 24 30	42	48	
Emission control system maintenance			:			
Drive belts	See NOTE (1)				*	MA-10
Air cleaner filter			[R]		E	MA-13
Vapor lines			*		*	MA-16
Fuel lines			*		*	MA-12
Fuel filter	See NOTE (2)*		-			MA-12
Engine coolant	See NOTE (3)				ž.	MA-11
Engine oil		E E	R R	E E	E E	MA-14
Engine oil filter (Use part No. 15208-31U00 or equivalent.)		н н н	R R R	E E	E E	MA-14
Spark plugs (Use PLATINUM-TIPPED type)					[E]	MA-15
Intake & exhaust valve clearance	See NOTE (4)					EM-47
Chassis and body maintenance						
Brake lines & cables			_		_	MA-19
Brake pads & discs				-	_	MA-19
Manual & automatic transaxie oil				_	_	MA-17, 18
Steering gear linkage, axle & suspension parts			. —		I MA	MA-20, FA-5, RA-4
Exhaust system					_	MA-17
Drive shaft boots			-	-		FA-7
Air bag system See NOTE (5) RS-7	See NOTE (5)					RS-7

# PERIODIC MAINTENANCE

Schedule 2

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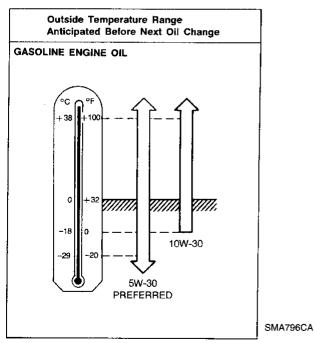
	Ca	apacity (Approximate	e)	Decomposition operations
	US measure	Imp measure	Liter	— Recommended specifications
Engine oil (Refill)				
With oil filter	4-1/4 qt	3-1/2 qt	4.0	API SG or SH and Energy Conserving II*2
Without oil filter	3-7/8 qt	3-1/4 qt	3.7	API Certification Mark*2
Cooling system				
With reservoir	9 qt	7-1/2 qt	8.5	Anti-freeze coolant
Reservoir	7/8 qt	3/4 qt	0.8	(Ethylene glycol base)
Manual transaxle gear oil				
RS5F50V	9-1/8 - 9-1/2 pt	7-5/8 - 7-7/8 pt	4.3 - 4.5	API GL-4*2
RS5F50A	9-1/2 - 10-1/8 pt	7-7/8 - 8-1/2 pt	4.5 - 4.8	API GL-4*2
Automatic transaxle fluid	10 qt	8-1/4 qt	9.4	Nissan Matic "D" (Continental U.S. and Alaska) or Genuine Nissan Automatic Trans- mission Fluid (Canada).*1
Power steering fluid	······································	_	_	Type DEXRON <sup>™II</sup> or equivalent
Brake & Clutch fluid	_		_	Genuine Nissan Brake Fluid*3 or equivalent DOT 3 (US FMVSS No. 116)
Multi-purpose grease	_	_	_	NLGI No. 2 (Lithium soap base)

### **Fluids and Lubricants**

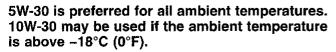
\*1: Dexron® III/Mercon® or equivalent may also be used. Outside the continental United States and Alaska contact a NISSAN dealership for more information regarding suitable fluids, including recommended brand(s) of Dexron® III/Mercon® or Dexron® IIE/Mercon® Automatic Transmission Fluid.

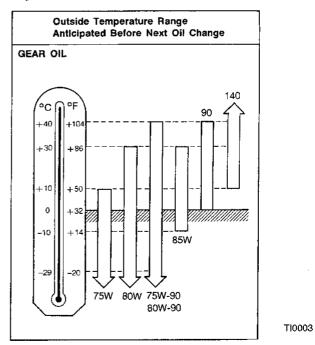
\*2: For further details, see "SAE Viscosity Number".

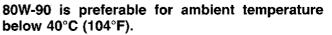
\*3: For more information regarding suitable fluids, contact a NISSAN dealership.



**SAE Viscosity Number** 







### Anti-freeze Coolant Mixture Ratio

The engine cooling system is filled at the factory with a high-quality, year-round, anti-freeze coolant solution. The anti-freeze solution contains rust and corrosion inhibitors. Therefore, additional cooling system additives are not necessary.

#### CAUTION:

When adding or replacing coolant, be sure to use only an ethylene glycol anti-freeze with the proper mixture ratio. See the following examples:

	Anti-		Outside ter dowr
°F freeze water	freeze	°F	°C
5 30% 70%	30%	5	-15
-30 50% 50%	50%	-30	-35

The use of other types of coolant solutions may damage your cooling system.

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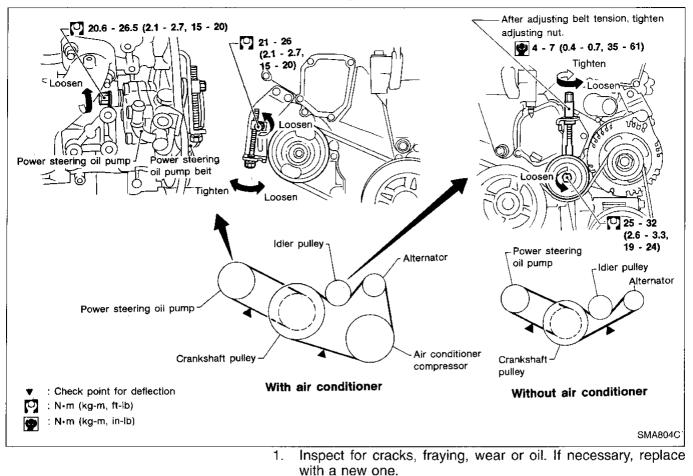
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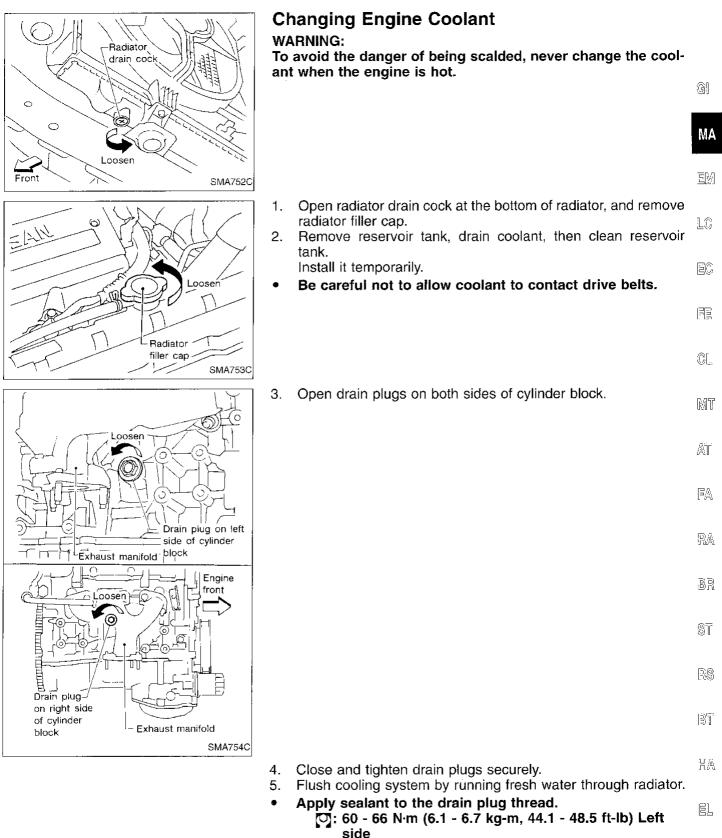
### **Checking Drive Belts**



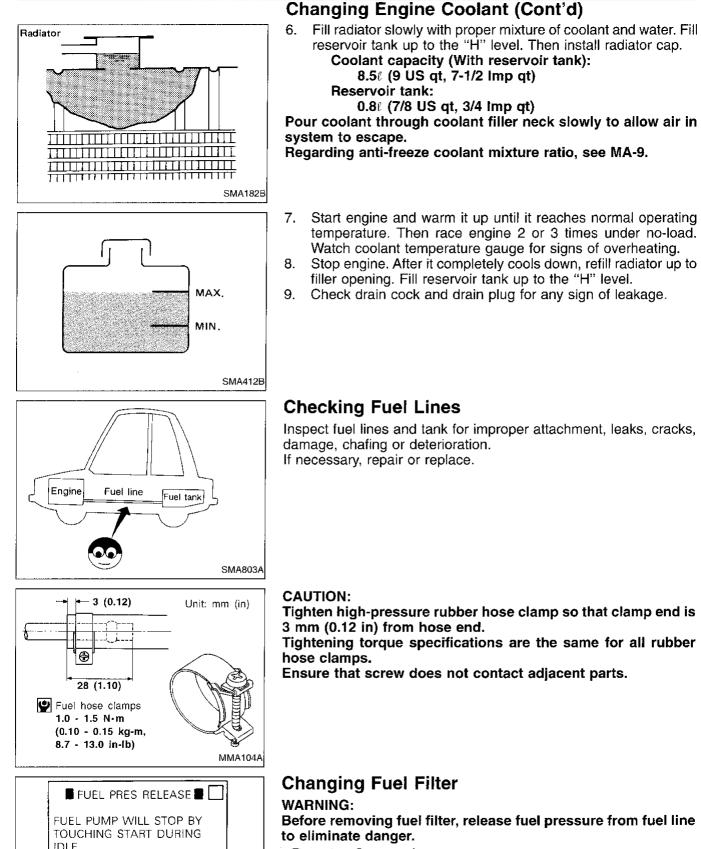
Inspect drive belt deflections by pushing midway between pulleys.

#### Inspect drive belt deflections when engine is cold. Adjust if belt deflections exceed the limit. Belt deflection:

			Unit: mm (in)
	Used belt	deflection	Deflection of
Drive belts	Limit	Deflection after adjustment	new belt
Alternator			
With air conditioner compressor	7 (0.28)	4.2 - 4.6 (0.165 - 0.181)	3.8 - 4.1 (0.150 - 0.161)
Without air condi- tioner compressor	10 (0.39)	6.3 - 6.9 (0.248 - 0.272)	5.8 - 6.2 (0.228 - 0.244)
Power steering oil pump	11 (0.43)	7.3 - 8 (0.287 - 0.315)	6.5 - 7 (0.256 - 0.276)
Applied pushing force		98 N (10 kg, 22 lb	)



## **ENGINE MAINTENANCE**



1. Start engine.

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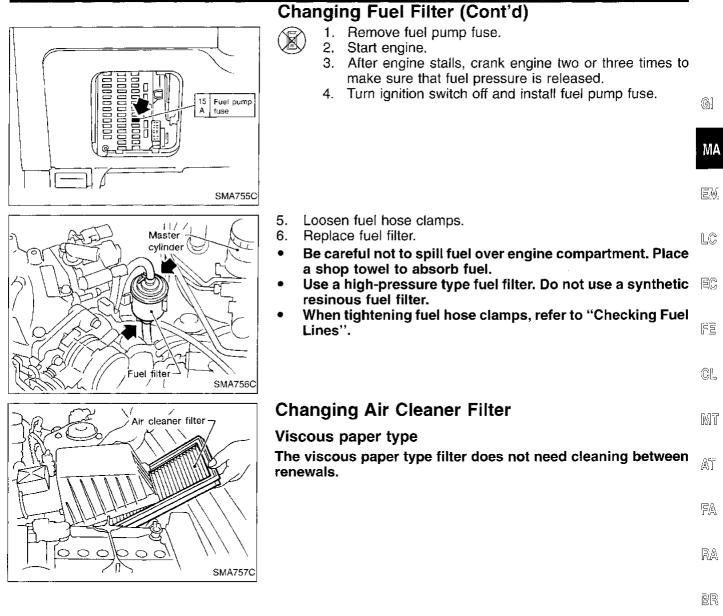
- 2. Perform "FUEL PRESSURE RELEASE" in "WORK SUPPORT" mode with CONSULT.
  - 3. After engine stalls, crank engine two or three times to make sure that fuel pressure is released.
  - 4. Turn ignition switch off.

CRANK A FEW TIMES AFTER

STARI

ENGINE STALL.

## **ENGINE MAINTENANCE**



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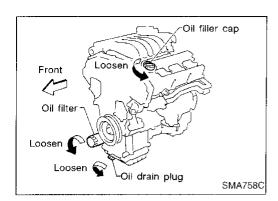
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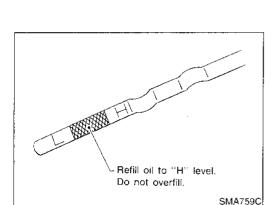
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## **Changing Engine Oil**

WARNING:

- Be careful not to burn yourself, as the engine oil is hot.
- Prolonged and repeated contact with used engine oil may cause skin cancer; try to avoid direct skin contact with used oil. If skin contact is made, wash thoroughly with soap or hand cleaner as soon as possible.
- 1. Warm up engine, and check for oil leakage from engine components.
- 2. Remove drain plug and oil filler cap.
- 3. Drain oil and refill with new engine oil.

### Oil grade: API SG or SH Viscosity: Refer to MA-8.

#### Refill oil capacity (Approximate):

Unit: liter (US qt, Imp qt)

With oil filter change	4.0 (4-1/4, 3-1/2)
Without oil filter change	3.7 (3-7/8, 3-1/4)

CAUTION:

- Be sure to clean drain plug and install with new washer. Drain plug:
  - [℃]: 29 39 N·m (3.0 4.0 kg-m, 22 29 ft-lb)
- The refill capacity depends on the oil temperature and drain time; use the "Refill oil capacity" values as a reference and be certain to check with the dipstick when changing the oil.
- 4. Check oil level.
- 5. Start engine and check area around drain plug and oil filter for oil leakage.
- 6. Run engine for a few minutes, then turn it off. After several minutes, check oil level.

### **Changing Oil Filter**

1. The oil filter is a small full-floating cartridge type and is provided with a relief valve.

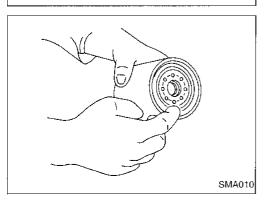
#### Refer to LC section ("OIL FILTER").

2. Remove oil filter with Tool or suitable tool.

#### WARNING:

Be careful not to burn yourself, as the engine and the engine oil are hot.

3. Clean oil filter mounting surface on cylinder block. Coat rubber seal of new oil filter with engine oil.



Loosen

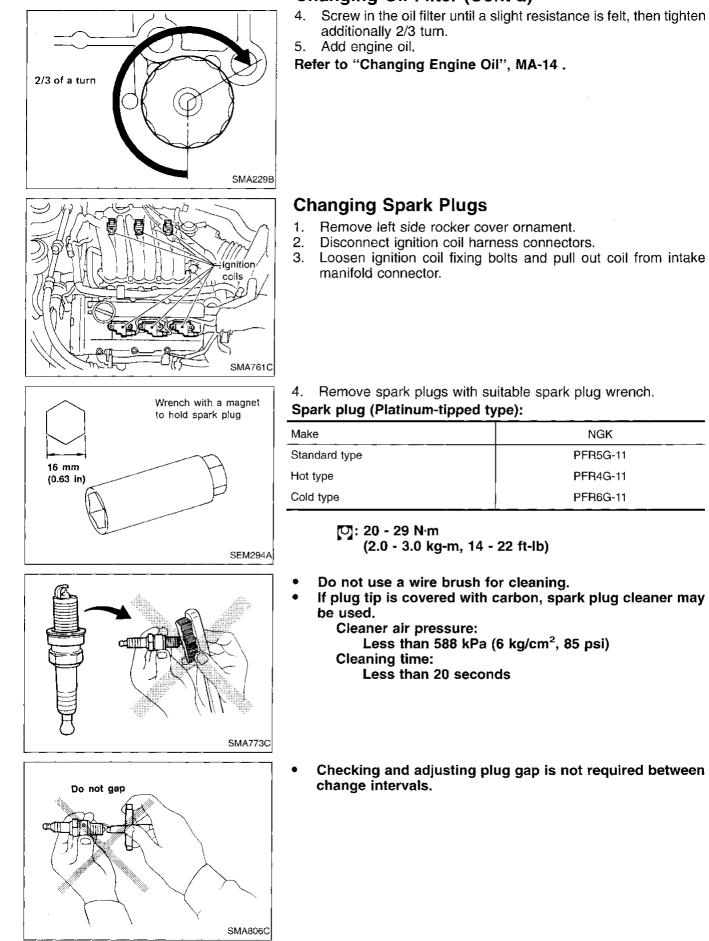
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Oil filter – / KV10115801

(J38956)

# ENGINE MAINTENANCE

### Changing Oil Filter (Cont'd)



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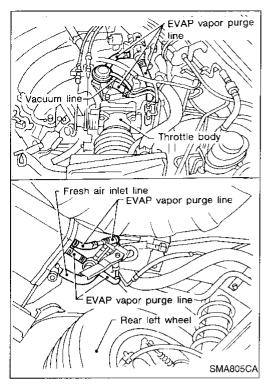
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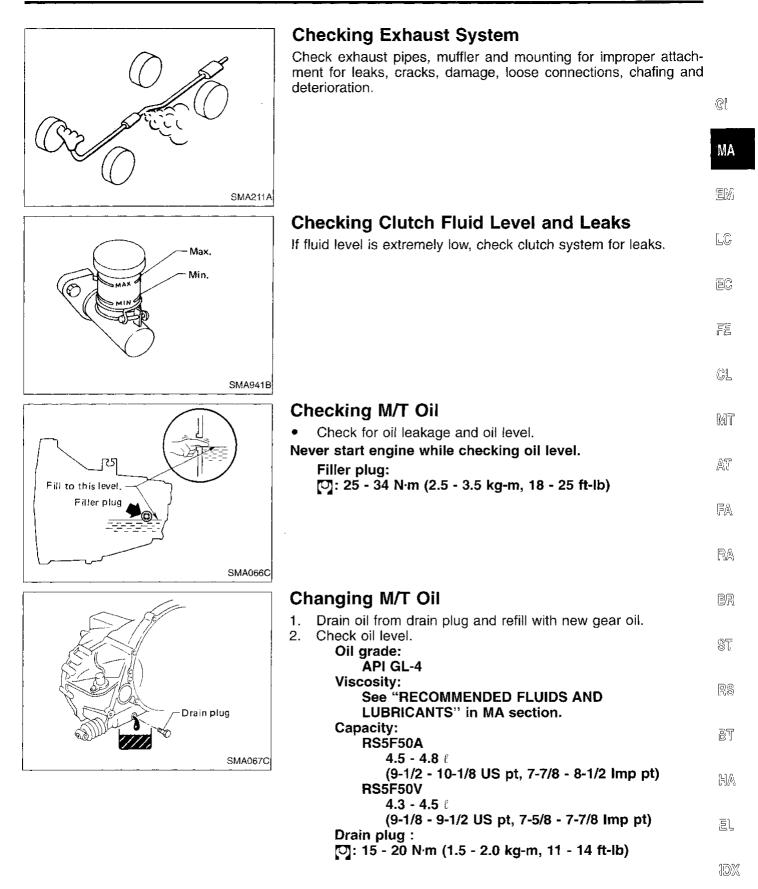
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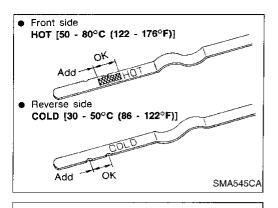


# **Checking EVAP Vapor Purge Lines**

- 1. Visually inspect EVAP vapor purge lines for improper attachment and for cracks, damage, loose connections, chafing and deterioration.
- 2. Inspect fuel tank filler cap vacuum relief valve for clogging, sticking, etc.

Refer to EVAPORATIVE EMISSION SYSTEM in EC section.







## **Checking A/T Fluid**

- 1. Check for fluid leakage and fluid level.
  - Drive vehicle approximately 5 minutes in urban areas after engine is warmed up. Then check fluid level using "HOT" range on dipstick [at fluid temperatures of 50 to 80°C (122 to 176°F)]. For reference, after engine is warmed up, it can be checked using "COLD" range [at fluid temperatures of 30 to 50°C (86 to 122°F)]. However, fluid level must be rechecked using "HOT" range.
- 1) Park vehicle on level surface and set parking brake.
- 2) Start engine and then move selector lever through each gear range, ending in "P".
- 3) Check fluid level with engine idling.
- 4) Remove dipstick and wipe it clean with lint-free paper.
- 5) Reinsert dipstick into charging pipe as far as it will go.
- 6) Remove dipstick and note reading. If level is at low side of either range, add fluid to the charging pipe.

#### Do not overfill.

2. Check fluid for contamination. If fluid is very dark or smells burned, or contains frictional material (clutches, band, etc.), check operation of A/T.

Refer to section AT for checking operation of A/T.

### Changing A/T Fluid

- 1. Warm up A/T fluid.
- 2. Stop engine.
- 3. Drain A/T fluid from drain plug and refill with new A/T fluid. Always refill same volume with drained fluid.

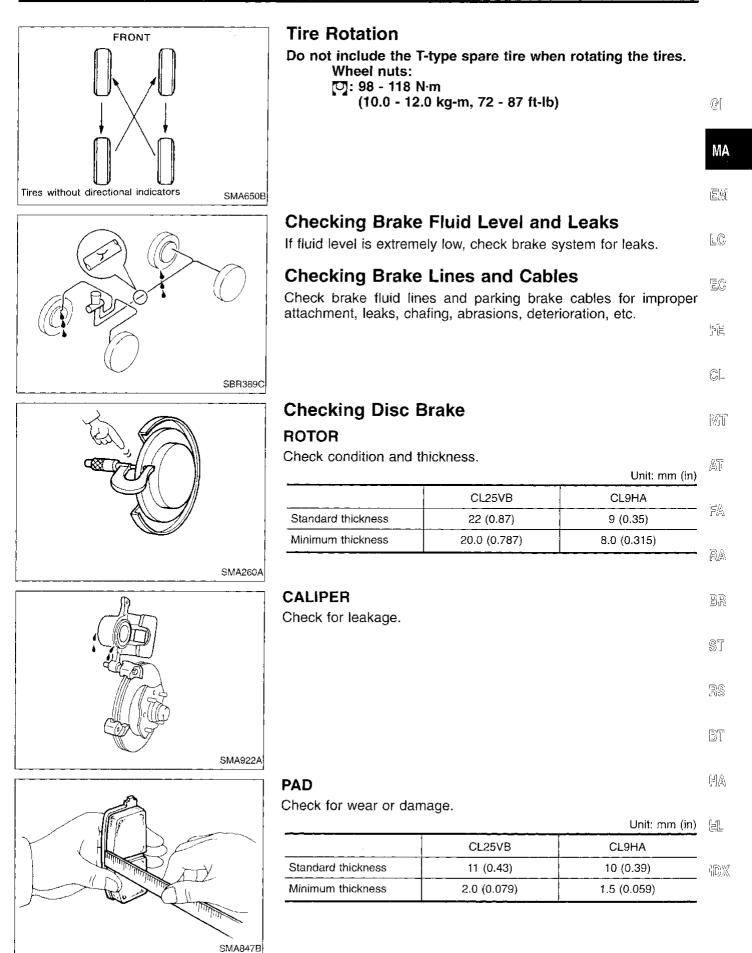
Fluid grade:

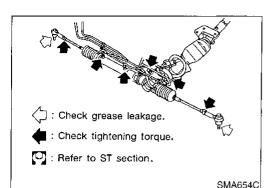
#### Genuine Nissan ATF or equivalent Fluid capacity (With torque converter): 9.4 (10 US qt, 8-1/4 Imp qt) Drain plug :

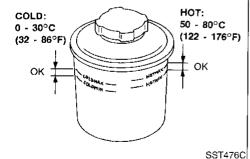
- [○]: 29 39 N·m (3.0 4.0 kg-m, 22 29 ft-lb)
- 4. Run engine at idle speed for five minutes.
- 5. Check fluid level and condition. Refer to "Checking A/T Fluid". If fluid is still dirty, repeat step 2. through 5.

### **Balancing Wheels**

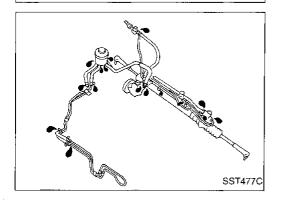
Adjust wheel balance using road wheel center. Wheel balance (Maximum allowable unbalance): Refer to SDS (MA-22).











## **Checking Steering Gear and Linkage**

### STEERING GEAR

- Check gear housing and boots for looseness, damage or . grease leakage.
- Check connection with steering column for looseness.

### STEERING LINKAGE

Check ball joint, dust cover and other component parts for looseness, wear, damage or grease leakage.

### **Checking Power Steering Fluid and Lines**

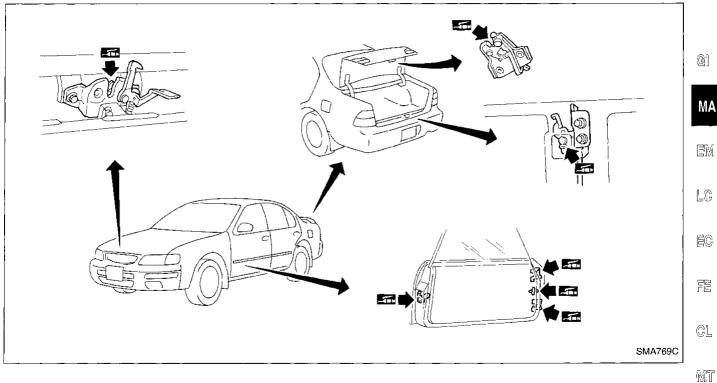
Check fluid level in reservoir tank with engine off.

Use "HOT" range at fluid temperatures of 50 to 80°C (122 to 176°F) or "COLD" range at fluid temperatures of 0 to 30°C (32 to 86°F).

#### CAUTION:

- Do not overfill.
- **Recommended fluid is Automatic Transmission Fluid type** "DEXRON<sup>™</sup>II" or equivalent.
- Check lines for improper attachment, leaks, cracks, damage, loose connections, chafing or deterioration.
- Check rack boots for accumulation of power steering fluid.

### Lubricating Locks, Hinges and Hood Latches



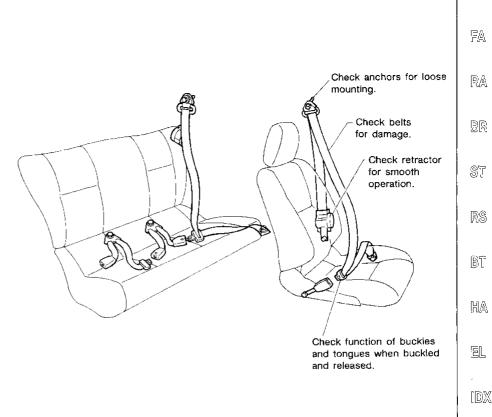
# Checking Seat Belts, Buckles, Retractors, Anchors and Adjusters

#### CAUTION:

- After any collision, inspect all seat belt assemblies, including retractors and other attached hardwares (i.e. guide rail set). Nissan recommends to replace all seat belt assemblies in use during a collision, unless not damaged and properly operating after minor collision.
   Also inspect seat belt assemblies not in use during a collision, and replace
- if damaged or improperly operating.
   If any component of seat belt
- assembly is questionable, do not repair. Replace as seat belt assembly.
- If webbing is cut, frayed, or damaged, replace belt assembly.
- Never oil tongue and buckle.
- Use a genuine seat belt assembly.

For seat belt pre-tensioner, refer to section RS.

Anchor bolt 43 - 55 N·m (4.4 - 5.6 kg-m, 32 - 41 ft-lb)



MMA098A

AT

### **Engine Maintenance**

### INSPECTION AND ADJUSTMENT

### Drive belt deflection

			Unit: mm (in)	
Drive belts	Used belt deflection		Deflection	
	Limit	Deflection after adjustment	<ul> <li>Deflection of new belt</li> </ul>	
Alternator				
With air condi- tioner com- pressor	7 (0.28)	4.2 - 4.6 (0.165 - 0.181)	3.8 - 4.1 (0.150 - 0.161)	
Without air conditioner compressor	10 (0.39)	6.3 - 6.9 (0.248 - 0.272)	5.8 - 6.2 (0.228 - 0.244)	
Power steering oil pump	11 (0.43)	7.3 - 8 (0.287 - 0.315)	6.5 - 7 (0.256 - 0.276)	
Applied pushing force	98 N (10 kg, 22 lb)			

### Spark plug

		Platinum tipped type	
Make		NGK	
Туре		· · · · · · · · · · · · · · · · · · ·	
Standard		PFR5G-11	
Hot		PFR4G-11	
Cold		PFR6G-11	
Plug gap	mm (in)	1.0 - 1.1 (0.039 - 0.043)	

# **Chassis and Body Maintenance**

### **INSPECTION AND ADJUSTMENT**

#### Wheel balance

Maximum allowable	Dynamic (At rim flange)		10 (0.35) (one side)
unbalance		g (oz)	
	Static	g (oz)	20 (0.71)