

NISSAN

MODEL D22 SERIES

QUICK REFERENCE INDEX

GENERAL INFORMATION _____	GI
MAINTENANCE _____	MA
ENGINE MECHANICAL _____	EM
ENGINE LUBRICATION & _____ COOLING SYSTEMS	LC
ENGINE CONTROL SYSTEM _____	EC
ACCELERATOR CONTROL, FUEL & _____ EXHAUST SYSTEMS	FE
CLUTCH _____	CL
MANUAL TRANSMISSION _____	MT
AUTOMATIC TRANSMISSION _____	AT
TRANSFER _____	TF
PROPELLER SHAFT & _____ DIFFERENTIAL CARRIER	PD
FRONT AXLE & FRONT SUSPENSION _____	FA
REAR AXLE & REAR SUSPENSION _____	RA
BRAKE SYSTEM _____	BR
STEERING SYSTEM _____	ST
RESTRAINT SYSTEM _____	RS
BODY & TRIM _____	BT
HEATER & AIR CONDITIONER _____	HA
ELECTRICAL SYSTEM _____	EL
ALPHABETICAL INDEX _____	IDX

HOW TO USE THIS MANUAL

- ▶ This Service Manual contains the new service procedures, service data and specifications for the face-lifted model D22 series which has been in production since July 2006 (Models for the Middle East) and September 2005 (Models for General areas).

- ▶ This Service Manual does not contain the service procedures, etc. which are the same as those for former models*.

Except for Europe (except TD25 and TD25T)

Please use this manual in conjunction with the NISSAN model D22 series Service Manual (Pub. No. SM7E-0D22G0) or 1st revision (Pub. No. SM7E-0D22G1), Supplement-II (Pub. No. SM9E-D22BG0) and Supplement-III (Pub. No. SM0E-D22CG0) or Supplement-III 1st revision (Pub. No. SM0E-D22CG1), Supplement-IV (Pub. No. SM0E-D22DG0), Supplement-V (Pub. No. SM1E-D22EG0), Supplement-VI (Pub. No. SM1E-D22FG0) or 1st revision (Pub. No. SM1E-1D22FG1 and SM1E-2D22FG1), Supplement-VII (Pub. No. SM2E-D22GG0), Supplement-VII 1st revision (Pub. No. SM2E-D22GG1), Supplement-VII 2nd revision (Pub. No. SM3E-D22GG2), Supplement-VIII 1st revision (Pub. No. SM3E-D22HG1) and Supplement-IX 2nd revision (Pub. No. SM4E-D22JG2).

- ▶ Follow the instruction below when using this manual.

White on black

NISSAN
MODEL D22 SERIES

ENGINE MECHANICAL	EM
ENGINE LUBRICATION & COOLING SYSTEMS	LC
ENGINE CONTROL SYSTEM	EC
ACCELERATOR CONTROL, FUEL & EXHAUST SYSTEMS	FE
CLUTCH	CL
MANUAL TRANSMISSION	MT
AUTOMATIC TRANSMISSION	AT
TRANSFER	TF

Black on white

Specific section titles are printed white on a black background in the QUICK REFERENCE INDEX.

Service procedures and service data are added or changed. Use this SUPPLEMENT MANUAL. Only the added or changed points are introduced in these chapters.

Those sections which are printed black on a white background are not contained in this manual.

Service procedures are the same as those for the former models*. Refer to the Service Manuals shown below.

Item	Publication No.	Remarks
Service Manual	SM7E-0D22G0	Initial production except for Europe
Service Manual 1st Revision	SM7E-0D22G1	February, 1997 (For Australia and General areas) May, 1997 (For the Middle East and Africa)
Supplement-II	SM9E-D22BG0	May, 1999 (For Australia) June, 1999 (For Europe) July, 1999 (For the Middle East and General areas)
Supplement-III	SM0E-D22CG0	April, 2000 (Models with VG30E for Australia) May, 2000 (Models with KA24DE, TD27 and QD32 for Australia)
Supplement-III 1st Revision	SM0E-D22CG1	April, 2000 (Models with VG30E for Australia) May, 2000 (Models with KA24DE, TD27 and QD32 for Australia) July, 2000 (Models with TD27 for the Middle East, General areas and China)
Supplement-IV	SM0E-D22DG0	July, 2000 (Except 4WD models for Turkey) September, 2000 (4WD models for Turkey)
Supplement-V	SM1E-D22EG0	November, 2000 (King Cab models for New Zealand)
Supplement-VI	SM1E-D22FG0	July, 2001 (Models for the Middle East)
Supplement-VI 1st Revision	SM1E-1D22FG1 SM1E-2D22FG1	July, 2001 (Models for the Middle East) October, 2001 (Models for Australia) November, 2001 (Models for Europe and General areas)
Supplement-VII	SM2E-D22GG0	July, 2002 (For the Middle East)
Supplement-VII 1st Revision	SM2E-D22GG1	July, 2002 (For the Middle East) December, 2002 (For Australia and General areas)
Supplement-VII 2nd Revision	SM3E-D22GG2	July, 2002 (For the Middle East) December, 2002 (For Australia and General areas) March, 2003 (For Europe and Models with QD32 A/T for Latin America)
Supplement-VIII 1st Revision	SM3E-D22HG1	September, 2003 (For the Middle East and Chile) November, 2003
Supplement-IX 2nd Revision	SM4E-D22JG2	April, 2004 (For Australia) July, 2004 (For the Middle East) September, 2004 (For Europe) October, 2004 (For General areas)

* Former models: Models before the model D22 series introduced in July 2006 (Models for the Middle East) and September 2005 (Models for General areas).

IMPORTANT SAFETY NOTICE

The proper performance of service is essential for both the safety of the technician and the efficient functioning of the vehicle.

The service methods in this Service Manual are described in such a manner that the service may be performed safely and accurately.

Service varies with the procedures used, the skills of the technician and the tools and parts available. Accordingly, anyone using service procedures, tools or parts which are not specifically recommended by NISSAN must first be completely satisfied that neither personal safety nor the vehicle's safety will be jeopardized by the service method selected.