

## QUICK REFERENCE INDEX

Publication Number:  
SM7E00-1T31E0E



MODEL T31 SERIES

### A GENERAL INFORMATION

### B ENGINE

### D TRANSMISSION & DRIVELINE

### E SUSPENSION

### F BRAKES

### G STEERING

### H RESTRAINTS

### I VENTILATION, HEATER & AIR CONDITIONER

### J BODY INTERIOR

### K BODY EXTERIOR, DOOR, ROOF & VEHICLE SECURITY

### L DRIVER CONTROLS

### M ELECTRICAL & POWER CONTROL

### N DRIVER INFORMATION & MULTIMEDIA

### P MAINTENANCE

GI	General Information
EM	Engine Mechanical
LU	Engine Lubrication System
CO	Engine Cooling System
EC	Engine Control System
FL	Fuel System
EX	Exhaust System
STR	Starting System
ACC	Accelerator Control System
CL	Clutch
TM	Transaxle & Transmission
DLN	Driveline
FAX	Front Axle
RAX	Rear Axle
FSU	Front Suspension
RSU	Rear Suspension
WT	Road Wheels & Tires
BR	Brake System
PB	Parking Brake System
BRC	Brake Control System
ST	Steering System
STC	Steering Control System
SB	Seat Belt
SBC	Seat Belt Control System
SR	SRS Airbag
SRC	SRS Airbag Control System
VTL	Ventilation System
HA	Heater & Air Conditioning System
HAC	Heater & Air Conditioning Control System
INT	Interior
IP	Instrument Panel
SE	Seat
DLK	Door & Lock
SEC	Security Control System
GW	Glass & Window System
PWC	Power Window Control System
RF	Roof
EXT	Exterior
MIR	Mirrors
EXL	Exterior Lighting System
INL	Interior Lighting System
WW	Wiper & Washer
DEF	Defogger
HRN	Horn
PWO	Power Outlet
BCS	Body Control System
LAN	LAN System
LNL	LAN System (LHD)
LNR	LAN System (RHD)
PCS	Power Control System
CHG	Charging System
PG	Power Supply, Ground & Circuit Elements
MWI	Meter, Warning Lamp & Indicator
WCS	Warning Chime System
AV	Audio, Visual & Navigation System
MA	Maintenance

A

B

C

D

E

F

G

H

I

J

K

L

M

N

O

P

# FOREWORD

---

This manual contains maintenance and repair procedures for the NISSAN X-TRAIL, model T31 series.

In order to assure your safety and the efficient functioning of the vehicle, this manual should be read thoroughly. It is especially important that the PRECAUTIONS in the GI section be completely understood before starting any repair task.

All information in this manual is based on the latest product information at the time of publication. The right is reserved to make changes in specifications and methods at any time without notice.

---

## 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.



**NISSAN EUROPE S.A.S.**

Service Engineering Section

Paris, France