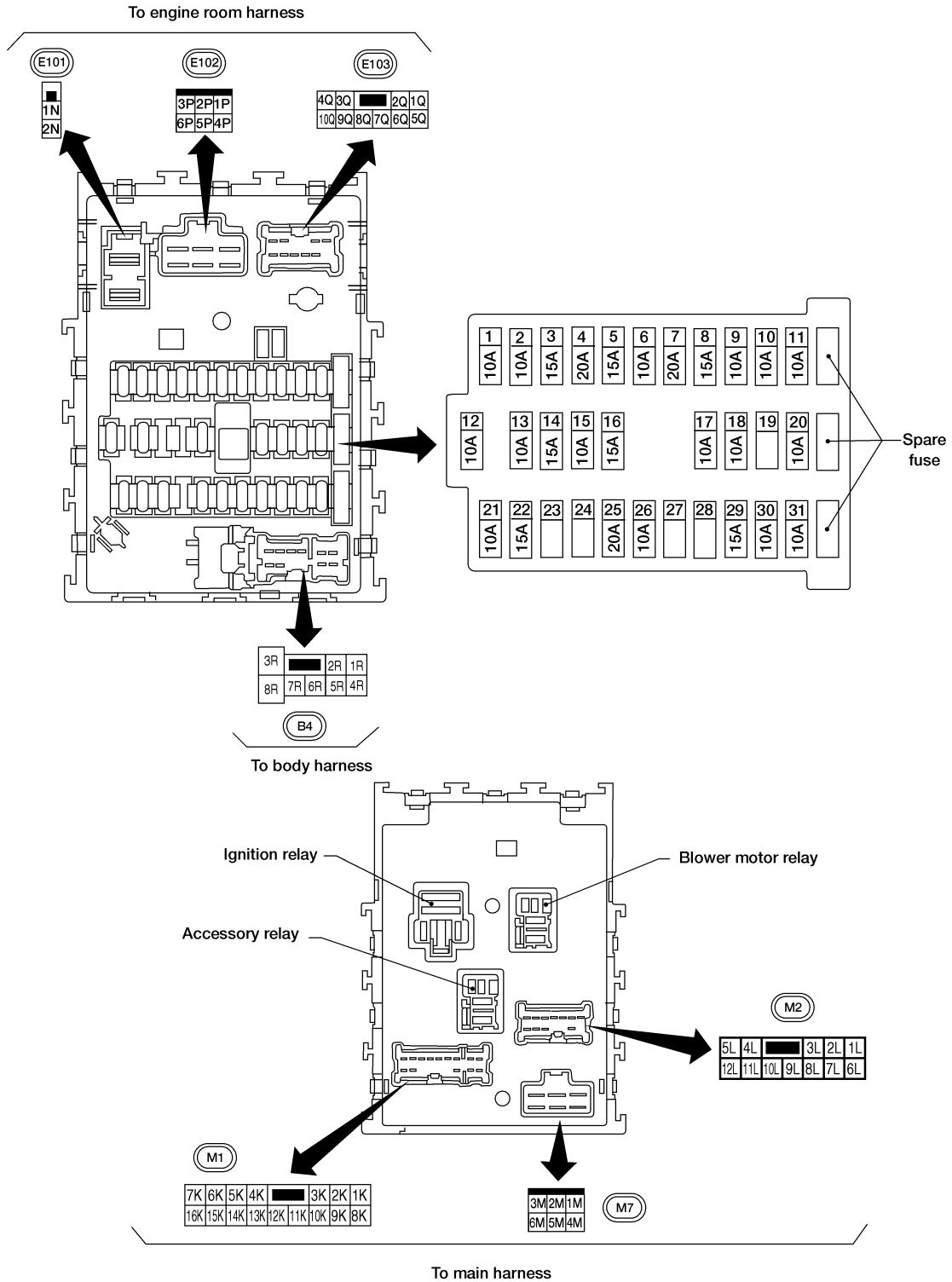


FUSE BLOCK — JUNCTION BOX (J/B)

Terminal Arrangement

Terminal Arrangement

NIEL0148



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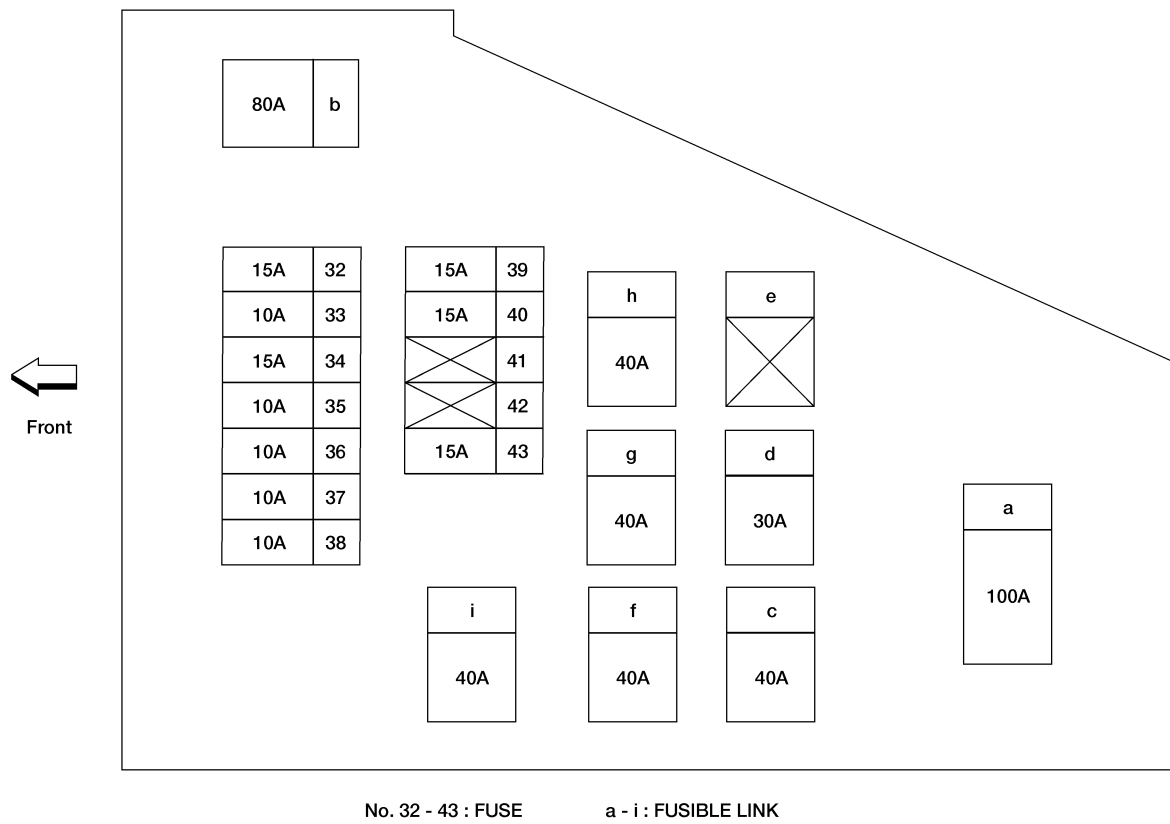
WEL473

FUSE AND FUSIBLE LINK BOX

Terminal Arrangement

Terminal Arrangement

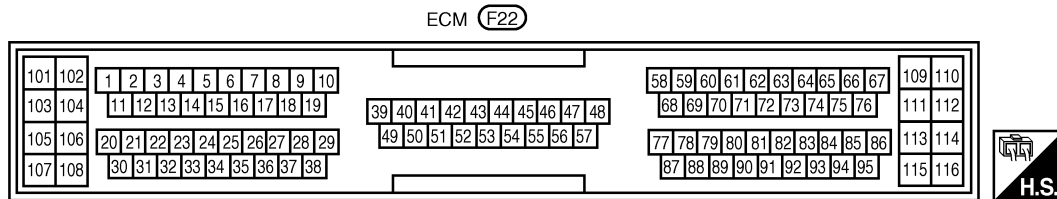
NIEL0149



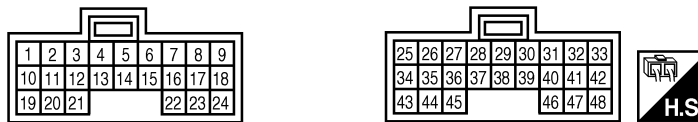
LEL474

Terminal Arrangement

NIEL0150



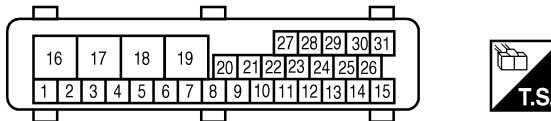
TCM (TRANSMISSION CONTROL MODULE)



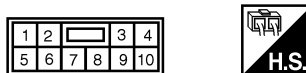
(F56)

(F57)

ABS ACTUATOR AND ELECTRIC UNIT
(CONTROL UNIT) (E55)

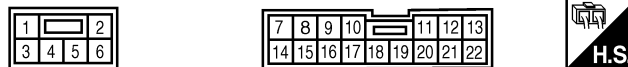


TIME CONTROL UNIT : (OD)



(M40)

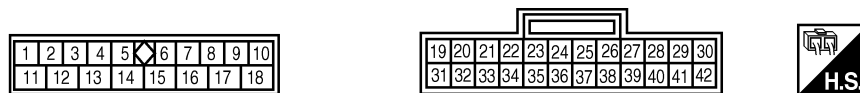
TIME CONTROL UNIT : (DL)



(M40)

(M41)

SMART ENTRANCE CONTROL UNIT : (MR)



(M38)

(M39)

- (OD) : WITHOUT POWER DOOR LOCKS
- (DL) : WITH POWER DOOR LOCKS WITHOUT
MULTI- REMOTE CONTROL SYSTEM
- (MR) : WITH MULTI-REMOTE CONTROL SYSTEM

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JOINT CONNECTOR

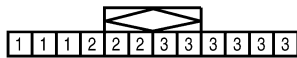
Terminal Arrangement

Terminal Arrangement QG18DE (EXC CALIF. CA MODEL)

NIEL0160
NIEL0160S01

OLD STYLE LAYOUT

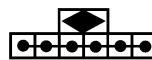
JOINT CONNECTOR - 1 (F23)



(GREEN)

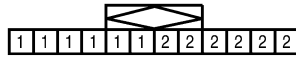
NEW STYLE LAYOUT

JOINT CONNECTOR - 1 (F23)



(GRAY)

JOINT CONNECTOR - 2 (F24)



(BLUE)

JOINT CONNECTOR - 3 (F25)



(GRAY)

LEL595A

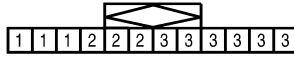
JOINT CONNECTOR

Terminal Arrangement (Cont'd)

QG18DE (CALIF. CA MODEL)

NIEL0160S02

JOINT CONNECTOR - 1 (F23)



(GREEN)

JOINT CONNECTOR - 2 (F24)



(BLUE)

JOINT CONNECTOR - 3 (F25)



(GRAY)

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JOINT CONNECTOR

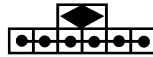
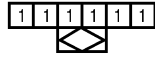
Terminal Arrangement (Cont'd)

SR20DE

NIEL0160S03

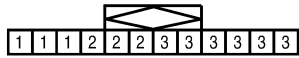
OLD STYLE LAYOUT

JOINT CONNECTOR - 1 (F23)



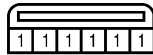
(GRAY)

JOINT CONNECTOR - 2 (F24)



(GREEN)

JOINT CONNECTOR - 3 (F25)



(GRAY)

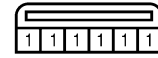
NEW STYLE LAYOUT

JOINT CONNECTOR - 1 (F24)



(BLUE)

JOINT CONNECTOR - 2 (F25)



(GRAY)

JOINT CONNECTOR - 3
(NOT EQUIPPED)

LEL650A

QUICK REFERENCE CHART: SENTRA 2001 EQUIPPED WITH 1.8L, QG ENGINE

ENGINE TUNE-UP DATA

Idle speed	rpm	M/T	650 ± 50	
		A/T	800 ± 50	
Ignition timing (B.T.D.C. at idle speed)			9° ± 5°	
Valve clearance (Hot)	mm (in)		0.32 - 0.40 (0.013 - 0.016)	
			0.37 - 0.45 (0.015 - 0.018)	
Spark plug	Standard		PLFR5A-11	
		Hot	PLFR4A-11	
	Type	Cold	PLFR6A-11	
		Gap	mm (in)	1.1 (0.043)
Drive belt deflection (Cold)	mm (in)	Used belt		
		Limit	Deflection after adjustment	Deflection of new belt
		Generator With air conditioner compressor	8.1 (0.319)	5.3 - 5.7 (0.209 - 0.224)
Without air conditioner compressor	10.2 (0.402)	6.5 - 7.0 (0.256 - 0.276)	5.5 - 6.1 (0.217 - 0.204)	
Power steering oil pump	7.1 (0.280)	4.4 - 4.9 (0.173 - 0.193)	3.9 - 4.4 (0.154 - 0.173)	
Applied pushing force	N (kg, lb)	98 (10, 22)		
Compression pressure	Standard	1,324 (13.24, 13.5, 192)/350		
	Minimum	1,157 (11.57, 11.5, 168)/350		
Tightening torque		N-m	kg-m	ft-lb
	Spark plug	20 - 29	2.0 - 3.0	14 - 22
	Oil pan drain plug	29.4 - 39.2	3.0 - 4.0	21.69 - 28.91

ENGINE COOLING SYSTEM

Thermostat valve opening temperature	C°(F°)	76.5 (170)
Radiator cap relief pressure kPa (kg/cm ² , psi)	Standard	78 - 98 (0.8 - 1.0, 11 - 14)
	Limit	59 - 98 (0.6 - 1.0, 9 - 14)
Cooling system leakage testing pressure kPa (kg/cm ² , psi)		157 (1.6, 23)

CLUTCH PEDAL

	Unit: mm (in)	
Pedal height	156.1 - 166.1 (6.146 - 6.539)	
Pedal free travel	9 - 16 (0.35 - 0.63)	

BRAKE

Unit: mm (in)	
Disc brake	
Pad minimum thickness	CL25VA: 2.0 (0.079)
Rotor minimum thickness	CL25VA: 20.0 (0.79)
Drum brake	
Lining minimum thickness	1.5 (0.059)
Drum maximum inner diameter	204.5 (8.051)
Pedal free height	
M/T models	156 - 166 (6.14 - 6.54)
A/T models	164.9 - 174.9 (6.49 - 6.89)
Pedal depressed height (minimum) *1	
M/T models	90 (3.54)
A/T models	90 (3.54)
Parking brake	
Number of notches*2	6 - 7

*1 Under force of 490 N (50 kg, 110 lb) with engine running

*2 At pulling force 196 N (20 kg, 44 lb)

REFILL CAPACITIES

Unit		Liter	US measure
Fuel tank		50.0	13.2 gal
Coolant (with reservoir)	M/T	6.7	7-1/8 qt
	A/T	6.6	7 qt
Engine*	Drain and refill		
	With oil filter change	2.7	2-7/8 qt
	Without oil filter change	2.5	2-5/8 qt
	Dry engine (engine overhaul)	3.1	3-1/4 qt
Transaxle	M/T	3.0	6-3/8 pt
	A/T	7.0	7-3/8 qt
Powering steering system		—	—
Air conditioning system	Lubricant	0.18	6.1 fl oz
	Refrigerant**	0.45 - 0.55	0.99 - 1.21

* For further details, see "Changing Engine Oil" in MA section.

** R-134a

QUICK REFERENCE CHART: SENTRA 2001 EQUIPPED WITH 2.0L, SR ENGINE

ENGINE TUNE-UP DATA

Idle speed	rpm	800 ± 50			
Ignition timing (B.T.D.C. at idle speed)		15° ± 2°			
Spark plug		Platinum tipped type	Conventional type		
	Standard	PFR5G-11	BKR5E		
Type	Hot	—			
	Cold	PFR6G-11	BKR6E, BKR7E		
		Gap	mm (in)	1.1 (0.043)	0.9 (0.035)
Drive belt deflection (Cold)	mm (in)	Used belt			
		Limit	Deflection after adjustment	Deflection of new belt	
		Generator	9.0 (0.35)	5.5 - 6.5 (0.217 - 0.256)	4.4 - 5.5 (0.177 - 0.217)
		Without air conditioner compressor	12 - 13 (0.47 - 0.51)	8 - 9 (0.31 - 0.35)	7 - 8 (0.28 - 0.31)
		Power steering oil pump	12 (0.47)	8 - 9 (0.31 - 0.35)	7 - 8 (0.28 - 0.31)
Applied pushing force	N (kg, lb)	98 (1.0, 14)			
Compression pressure	Standard	1,275 (13.0, 184.9)/300			
	kPa (kg/cm ² , psi)/rpm	Minimum	1,079 (11.01, 156.5)/300		
Tightening torque		N-m	kg-m	ft-lb	
	Spark plug	20 - 29	2.0 - 3.0	14 - 22	
Oil pan drain plug		29 - 39	3.0 - 4.0	22 - 29	

ENGINE COOLING SYSTEM

Thermostat valve opening temperature	C°(F°)	76.5 (170)
Radiator cap relief pressure	Standard	78 - 98 (0.8 - 1.0, 11 - 14)
	kPa (kg/cm ² , psi)	Limit
Cooling system leakage testing pressure	kPa (kg/cm ² , psi)	157 (1.6, 23)

CLUTCH PEDAL

Unit: mm (in)	
Pedal height	156.1 - 166.1 (6.146 - 6.539)
Pedal free travel	9 - 16 (0.35 - 0.63)

BRAKE

Unit: mm (in)	
Disc brake	
Pad minimum thickness	CL25VB (FRONT): 2.0 (0.079) CL9HC (REAR): 2.0 (0.079)
Rotor minimum thickness	CL25VB (FRONT): 20 (0.79) CL9HC (REAR): 8 (0.31)
Pedal free height	
M/T models	156 - 166 (6.14 - 6.54)
A/T models	164.9 - 174.9 (6.49 - 6.89)
Pedal depressed height (minimum) *1	
M/T models	90 (3.54)
A/T models	90 (3.54)
Parking brake	
Number of notches*2	6 - 7

*1 Under force of 490 N (50 kg, 110 lb) with engine running

*2 At pulling force 196 N (20 kg, 44 lb)

REFILL CAPACITIES

Unit		Liter	US measure
Fuel tank		50.0	13.2 gal
Coolant (with reservoir)	M/T	6.8	7-3/16 qt
	A/T	6.7	7-1/8 qt
Engine*	Drain and refill		
	With oil filter change	3.3	3-1/2 qt
	Without oil filter change	3.1	3-1/4 qt
	Dry engine (engine overhaul)	4.0	4-1/4 qt
Transaxle	M/T	3.0	6-3/8 pt
	A/T	7.0	7-3/8 qt
Powering steering system		—	—
Air conditioning system	Lubricant	0.18	6.1 fl oz
	Refrigerant**	0.45 - 0.55	0.99 - 1.21

* For further details, see "Changing Engine Oil" in MA section.

** R-134a