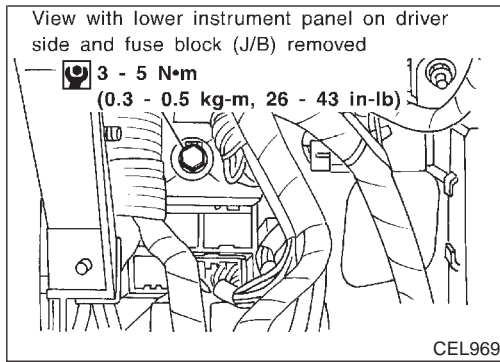


SUPER MULTIPLE JUNCTION (SMJ)

Installation



Installation

To install SMJ, tighten bolts until orange “fulltight” mark appears and then retighten to specified torque as required.

NFEL0146

3 - 5 N·m (0.3 - 0.5 kg-m, 26 - 43 in-lb)

CAUTION:

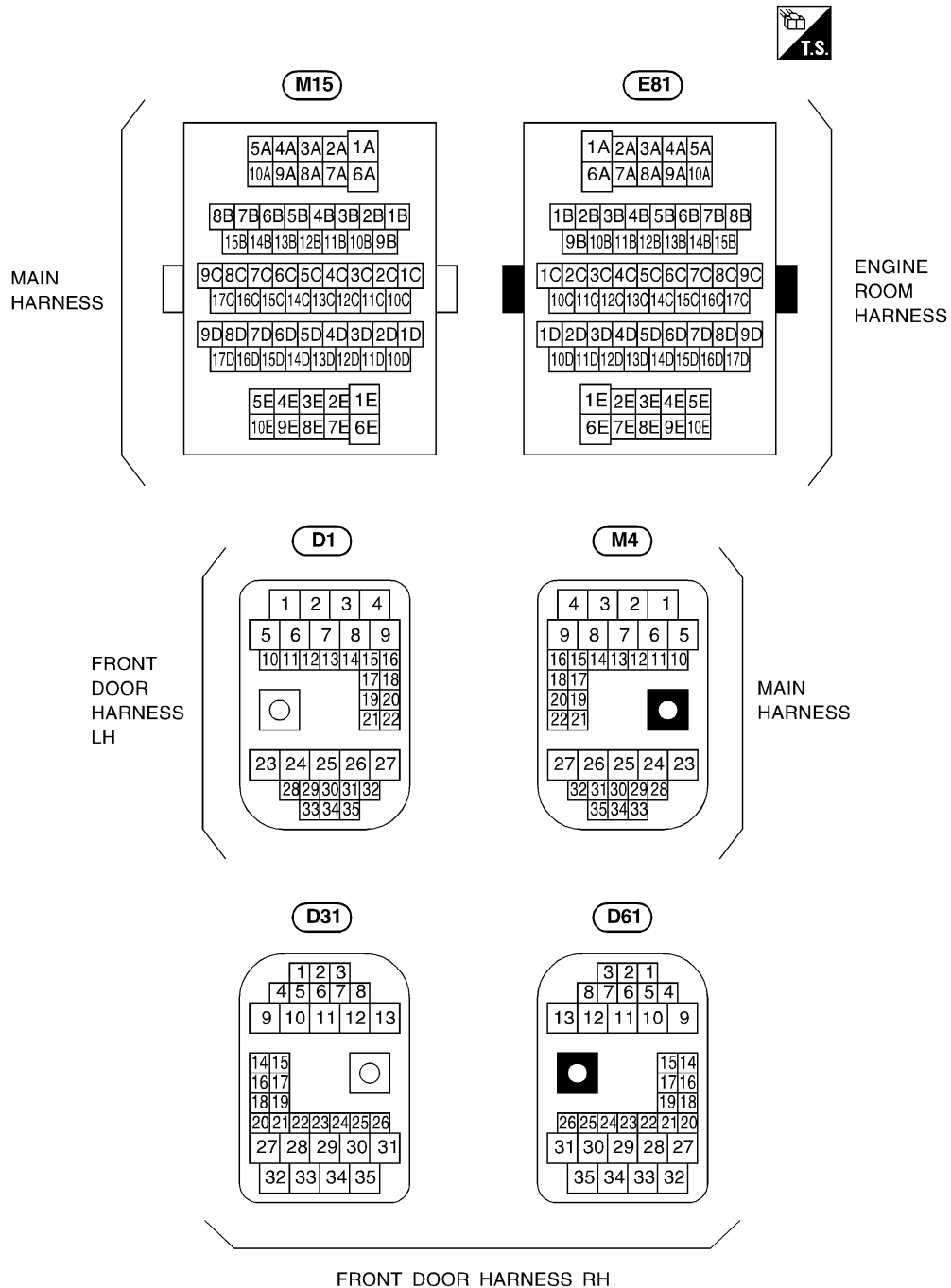
Do not overtighten bolts, otherwise, they may be damaged.

SUPER MULTIPLE JUNCTION (SMJ)

Terminal Arrangement

Terminal Arrangement

NFEL0147

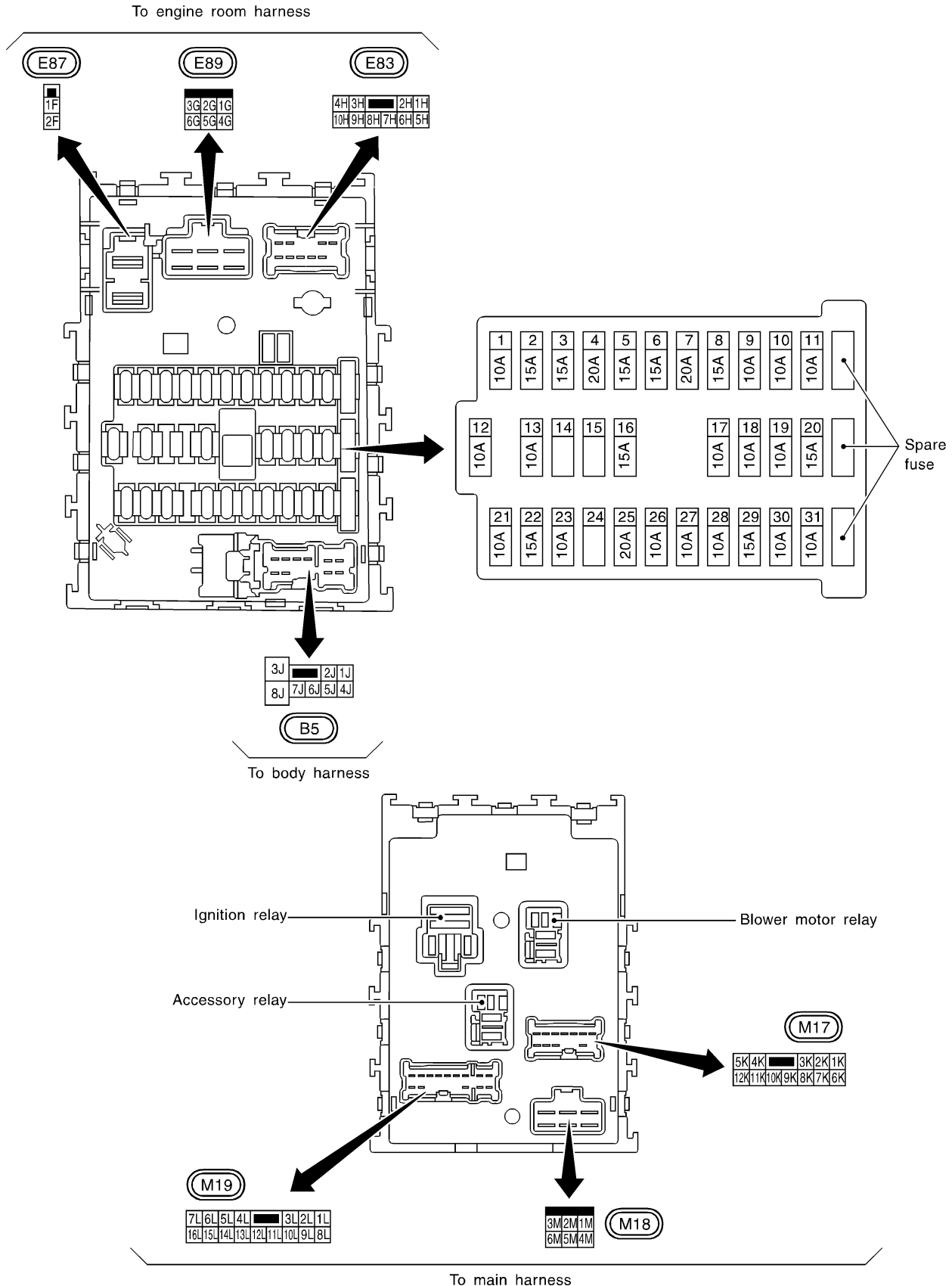


FUSE BLOCK — JUNCTION BOX (J/B)

Terminal Arrangement

Terminal Arrangement

NFEL0148

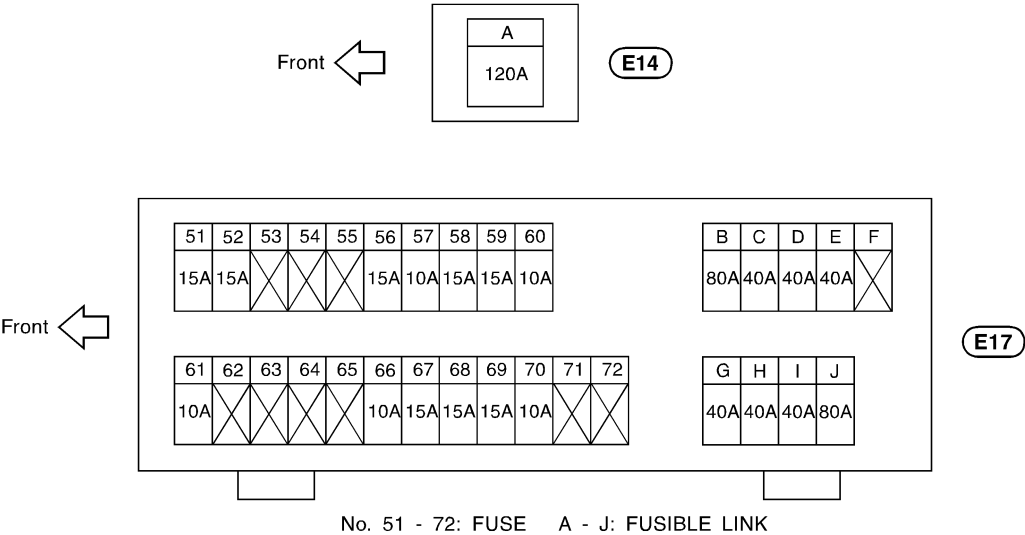


FUSE AND FUSIBLE LINK BOX

Terminal Arrangement

Terminal Arrangement

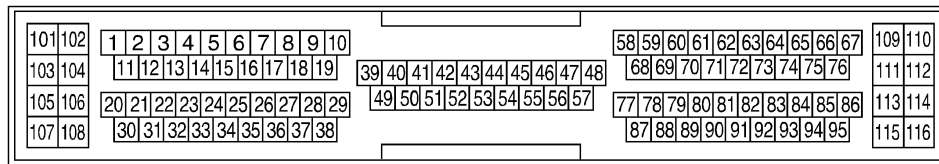
NFEL0149



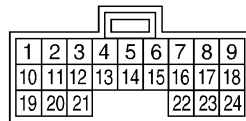
MEL213K

Terminal Arrangement

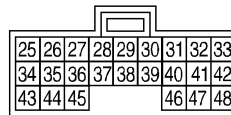
NFEL0150

ECM **F48**

TCM (TRANSMISSION CONTROL MODULE)



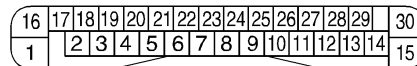
F51



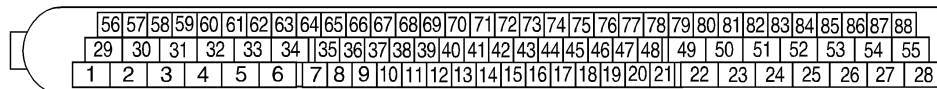
F50



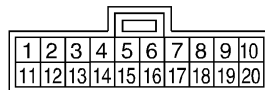
ABS ACTUATOR AND ELECTRIC UNIT **E9** : **OT**



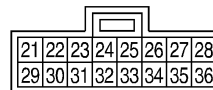
ABS/TCS CONTROL UNIT (E91) : (TS)



A/C AUTO AMP.



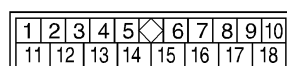
M59



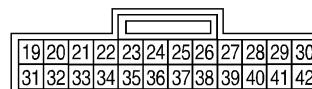
M60



SMART ENTRANCE CONTROL UNIT



M40



M41



TS : With TCS

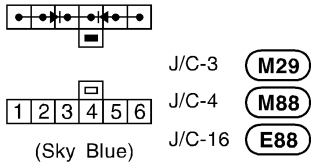
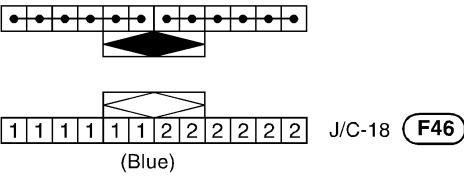
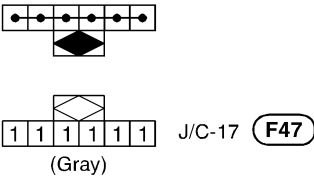
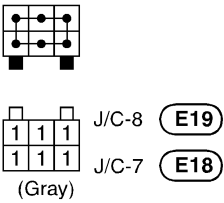
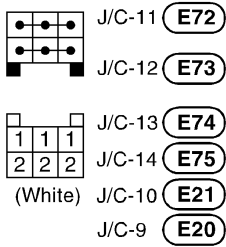
OT : Without TCS

JOINT CONNECTOR (J/C)

Terminal Arrangement

Terminal Arrangement

NFEL0160



QUICK REFERENCE CHART: MAXIMA 2000

ENGINE TUNE-UP DATA

Engine model		VQ30DE	
Firing order		1-2-3-4-5-6	
Idle speed	rpm	M/T	625±50
		A/T (in "N" position)	700±50
Ignition timing (degree BTDC at idle speed)		M/T: 15°±2° A/T:	
CO% at idle		Idle mixture screw is preset and sealed at factory.	
Belt deflection (Cold)		mm (in)	
Alternator		Used belt	
		Limit	After adjustment
With air conditioner compressor		7 (0.28)	4.2 - 4.6 (0.165 - 0.181)
Without air conditioner compressor		10 (0.39)	6.3 - 6.9 (0.248 - 0.272)
Power steering oil pump		11 (0.43)	7.3 - 8 (0.287 - 0.315)
Applied pressed force		98 (10, 22)	
N (kg, lb)			
Belt tension adjustment (Cold)		N (kg, lb)	
		Used belt	
		Limit	After adjustment
Alternator			New belt
With air conditioner compressor		294 (30, 66)	730 - 819 (74.5 - 83.5, 164 - 184)
Without air conditioner compressor		294 (30, 66)	838 - 926 (85.45 - 94.43, 188.4 - 208.2)
Power steering oil pump		196 (20, 44)	730 - 819 (74.5 - 83.5, 164 - 184)
Applied pushing force		838 - 926 (85.45 - 94.43, 188.4 - 208.2)	
		603 - 691 (61.5 - 70.5, 136 - 155)	
Radiator cap relief pressure		—	
kPa (kg/cm ² , psi)		78 - 98 (0.8 - 1.0, 11 - 14)	
Cooling system leakage testing pressure,		157 (1.6, 23)	
kPa (kg/cm ² , psi)			
Compression pressure		Standard	1,275 (13.0, 185)/300
kPa (kg/cm ² , psi)/rpm		Minimum	981 (10.0, 142)/300
Spark plug	Type	Standard	PFR5G-11
		Hot	PFR4G-11
		Cold	PFR6G-11
	Gap (Nominal)	mm (in)	1.1 (0.043)

REAR WHEEL ALIGNMENT (Unladen*)

Camber	Degree minute (Decimal degree)	Minimum	-1°45' (-1.75°)
		Nominal	-1°00' (-1.00°)
		Maximum	-0°15' (-0.25°)
Total toe-in	Distance (A - B) mm (in)	Minimum	-3 (-0.12)
		Nominal	1 (0.04)
		Maximum	5 (0.20)
Angle (left plus right)	Degree minute (Decimal degree)	Minimum	-16' (-0.27°)
		Nominal	5'30' (0.09°)
		Maximum	26' (0.43°)

* Fuel, radiator coolant and engine oil full.
Spare tire, jack, hand tools and mats in designated positions.

CLUTCH PEDAL

		Unit: mm (in)
Pedal height	179.5 - 189.5 (7.07 - 7.46)	
Pedal free play	9 - 16 (0.35 - 0.63)	

BRAKE

		Unit: mm (in)
Front brake	Pad wear limit	2.0 (0.079)
	Rotor repair limit	24.0 (0.945)
Rear brake	Pad wear limit	1.5 (0.059)
	Rotor repair limit	8.0 (0.315)
Pedal free height		M/T: 158 - 165 (6.22 - 6.50) A/T: 167 - 174 (6.57 - 6.85)
Pedal depressed height*1		M/T: 75.3 (2.965) A/T: 82.5 (3.248)
Parking brake		Number of notches*2
		10 - 11

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

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

FRONT WHEEL ALIGNMENT (Unladen*)

Tire size		225/50R17	215/55R16	205/65R15
Camber	Degree minute (Decimal degree)	Minimum	-1°00' (-1.00°)	-1°05' (-1.08°)
		Nominal	-0°15' (-0.25°)	-0°20' (-0.33°)
		Maximum	0°30' (0.50°)	0°25' (0.42°)
Caster	Degree minute (Decimal degree)	Left and right difference	45' (0.75°) or less	
		Minimum	2°00' (2.00°)	
		Nominal	2°45' (2.75°)	
Total toe-in	Distance (A - B) mm (in)	Maximum	3°30' (3.50°)	
		Left and right difference	45' (0.75°) or less	
		Minimum	0 (0)	
Angle (left plus right)	Degree minute (Decimal degree)	Nominal	1 (0.04)	
		Maximum	2 (0.08)	
		Minimum	0' (0°)	
Wheel turning angle (Full turn)	Degree minute (Decimal degree)	Nominal	6' (0.10°)	
		Maximum	12' (0.20°)	
		Minimum	29°30' (29.50°)	36°00' (36.00°)
Inside	Degree minute (Decimal degree)	Nominal	33°00' (33.00°)	39°30' (39.50°)
		Maximum	34°00' (34.00°)	40°30' (40.50°)
		Minimum		
Outside	Degree minute (Decimal degree)	Nominal	28°30' (28.50°)	32°00' (32.00°)
		Maximum		
		Minimum		

* Fuel, radiator coolant and engine oil full.
Spare tire, jack, hand tools and mats in designated positions.

REFILL CAPACITIES

Unit		Liter	US measure
Coolant with reservoir		7.7	8-1/8 qt
Engine*	Drain and refill		
	With oil filter	4.0	4-1/4 qt
	Without oil filter	3.7	3-7/8 qt
	Dry engine (engine overhaul)	4.8	5-1/8 qt
Transaxle	M/T	RS5F50V	4.3 - 4.5
	A/T	RS5F50A	4.5 - 4.8
	RE4F04B/W	9.4	10 qt
Power steering system		1.1	1-1/8 qt
Air conditioning system	Refrigerant	0.60 - 0.70 kg	1.32 - 1.54 lb
	Compressor oil	0.2	6.8 fl oz

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