

## 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:

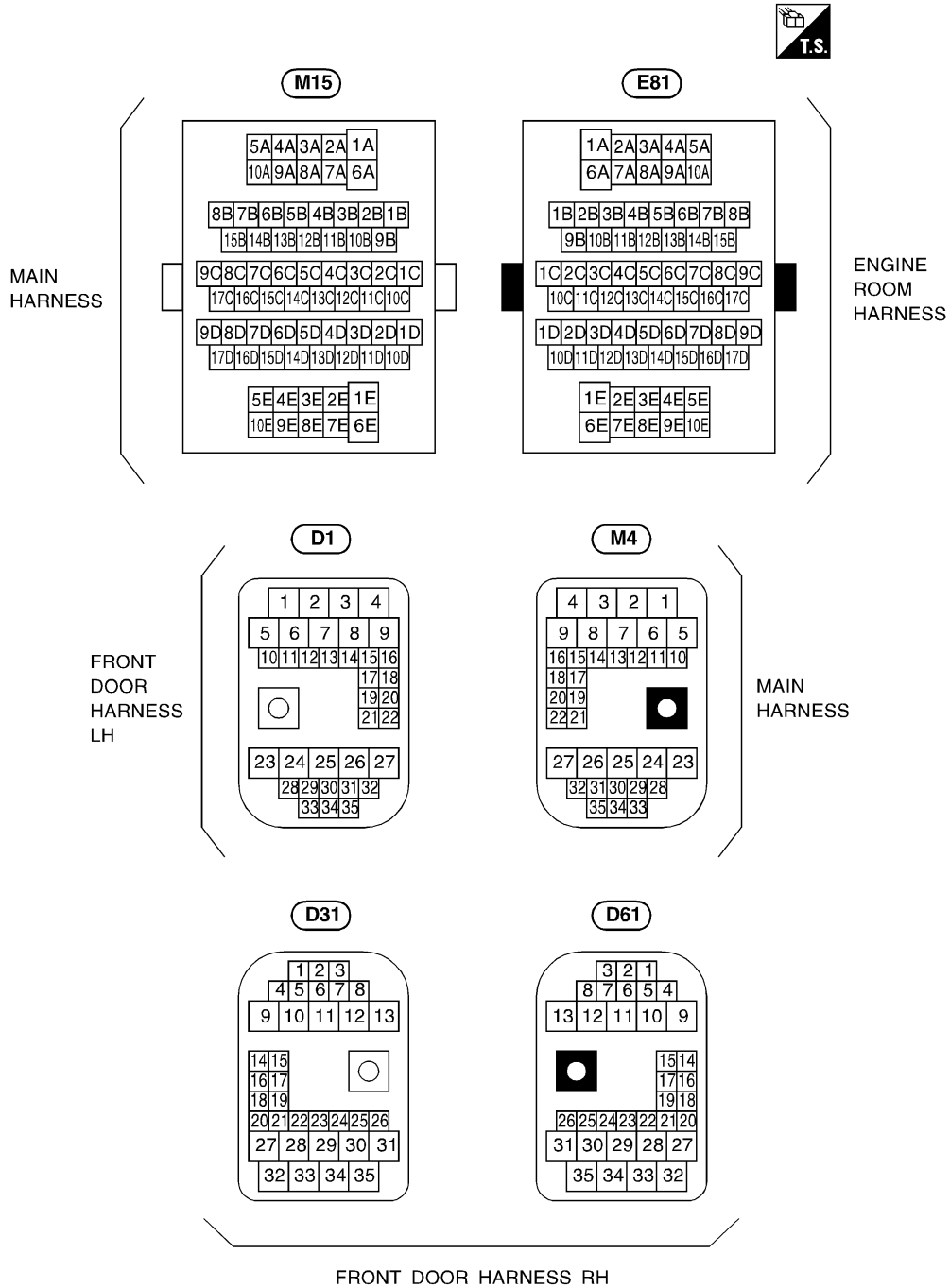
Do not overtighten bolts, otherwise, they may be damaged.

# SUPER MULTIPLE JUNCTION (SMJ)

Terminal Arrangement

## Terminal Arrangement

NFEL0147

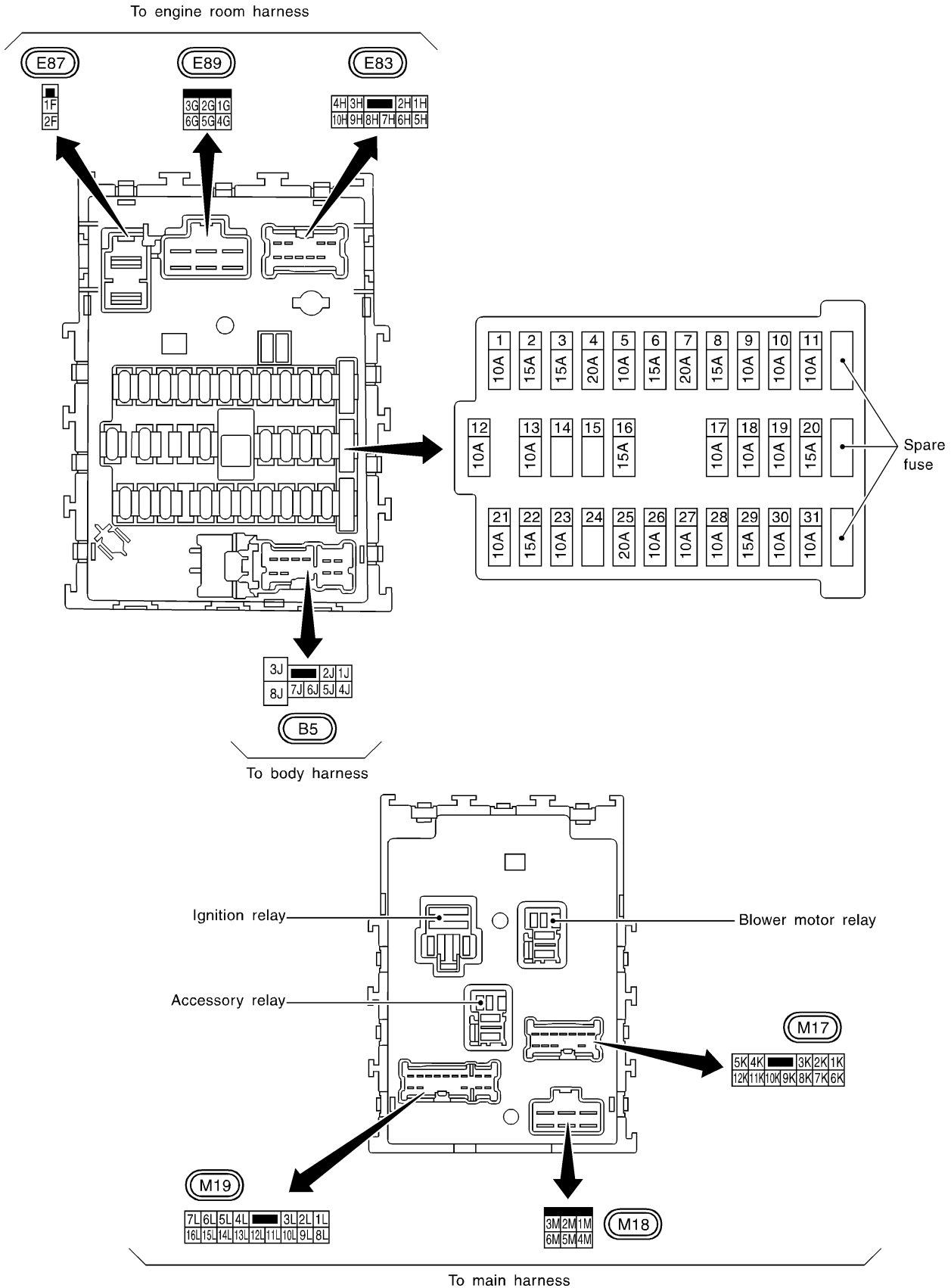


# FUSE BLOCK — JUNCTION BOX (J/B)

Terminal Arrangement

NFEL0148

## Terminal Arrangement

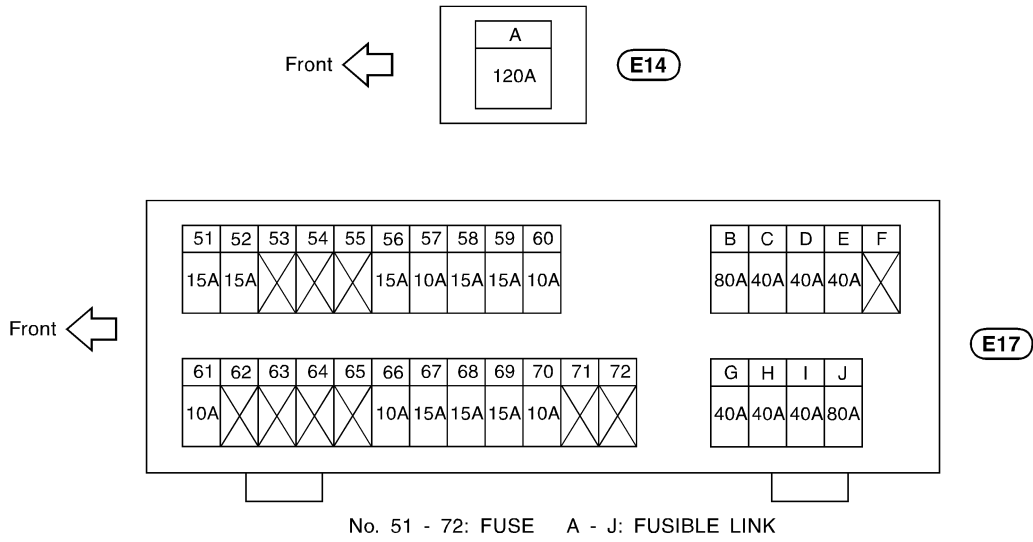


# FUSE AND FUSIBLE LINK BOX

Terminal Arrangement

## Terminal Arrangement

NFEL0149



MEL213K

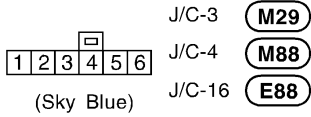
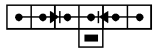
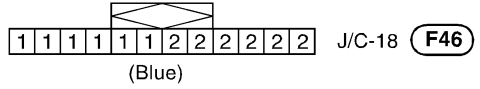
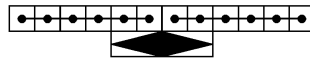
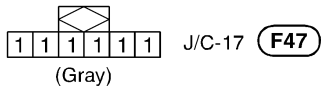
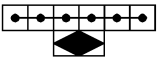
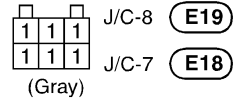
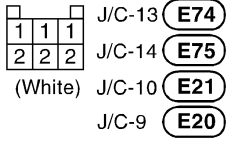
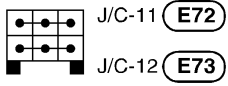


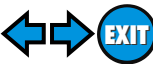
# JOINT CONNECTOR (J/C)

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	625±50		
	M/T 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	
		New belt		
	With air conditioner compressor	7 (0.28)	4.2 - 4.6 (0.165 - 0.181)	3.7 - 4.1 (0.146 - 0.161)
Without air conditioner compressor	10 (0.39)	6.3 - 6.9 (0.248 - 0.272)	5.6 - 6.0 (0.220 - 0.236)	
Power steering oil pump		11 (0.43)	7.3 - 8 (0.287 - 0.315)	6.5 - 7.2 (0.256 - 0.283)
Applied pressed force		N (kg, lb)		
Belt tension adjustment (Cold)		N (kg, lb)		
Alternator	Used belt	Limit	After adjustment	
		New belt		
	With air conditioner compressor	294 (30, 66)	730 - 819 (74.5 - 83.5, 164 - 184)	838 - 926 (85.45 - 94.43, 188.4 - 208.2)
Without air conditioner compressor	294 (30, 66)	730 - 819 (74.5 - 83.5, 164 - 184)	838 - 926 (85.45 - 94.43, 188.4 - 208.2)	
Power steering oil pump		196 (20, 44)	495 - 583 (50.5 - 59.5, 111 - 131)	603 - 691 (61.5 - 70.5, 136 - 155)
Applied pushing force		—		
Radiator cap relief pressure		kPa (kg/cm <sup>2</sup> , psi)		
Cooling system leakage testing pressure		kPa (kg/cm <sup>2</sup> , psi)		
Compression pressure		kPa (kg/cm <sup>2</sup> , psi)/rpm		
Spark plug	Standard	1,275 (13.0, 185)/300		
		981 (10.0, 142)/300		
	Minimum			
Type	Standard	PFR5G-11		
	Hot	PFR4G-11		
	Cold	PFR6G-11		
Gap (Nominal)		mm (in)		
		1.1 (0.043)		

## FRONT WHEEL ALIGNMENT (Unladen\*)

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

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

## 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)

## 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
		RS5F50A	4.5 - 4.8
	A/T	RE4F04B/W	9.4
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.

## NOTES