

ACCELERATOR CONTROL, FUEL &
EXHAUST SYSTEMS

SECTION FE

MODIFICATION NOTICE:

- Wiring diagram of sub fuel tank control system has been modified.

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TROUBLE DIAGNOSES

Self-diagnosis for Sub Fuel Tank Control Module

SUB FUEL TANK CONTROL MODULE TERMINALS AND REFERENCE VALUE

Remarks: Specification data are reference values, and measured between each terminal and ⑪ or ④ (ground) with a voltmeter.

TERMINAL NO.	WIRE COLOR	ITEM	CONDITION	DATA (DC voltage)
	Wagon and Hardtop			
1	R	Power source	Ignition switch "ON"	Approximately 12V
2	G/B	Sub fuel pump	Ignition switch "ON" └ Sub fuel tank switch is "ON". └ Main fuel tank is not full. └ Sub fuel tank is not empty.	Approximately 12V
3	G/W	Power source	Ignition switch "ON" and "ACC"	Approximately 12V
4	B	Grounding	Any time	Approximately 0V
5	W/L	Sub fuel gauge	Ignition switch "ON"	Approximately 0 - 4V
6	PU	Full switch	Ignition switch "ON" └ Main fuel tank is not full.	Approximately 5V
7	G	Fuel gauge	Ignition switch "ON"	Approximately 0 - 2.5V
8	W/G	Engine running	Engine running	Approximately 12V
9	G/B	Sub fuel tank switch	Ignition switch "ON" └ Sub fuel tank switch is "OFF".	Approximately 5V
10	L	Indicator	Ignition switch "ON" └ Sub fuel tank switch is "OFF".	Approximately 12V
11	B	Grounding	Any time	Approximately 0V
12	R	Power source	Any time	Approximately 12V
13	W/R	Sub fuel tank warning lamp	Ignition switch "ON" └ Engine is not running. └ Sub fuel tank control system is in normal condition.	Approximately 0V

Circuit Diagram — S/TANK —

WAGON AND HARDTOP MODELS



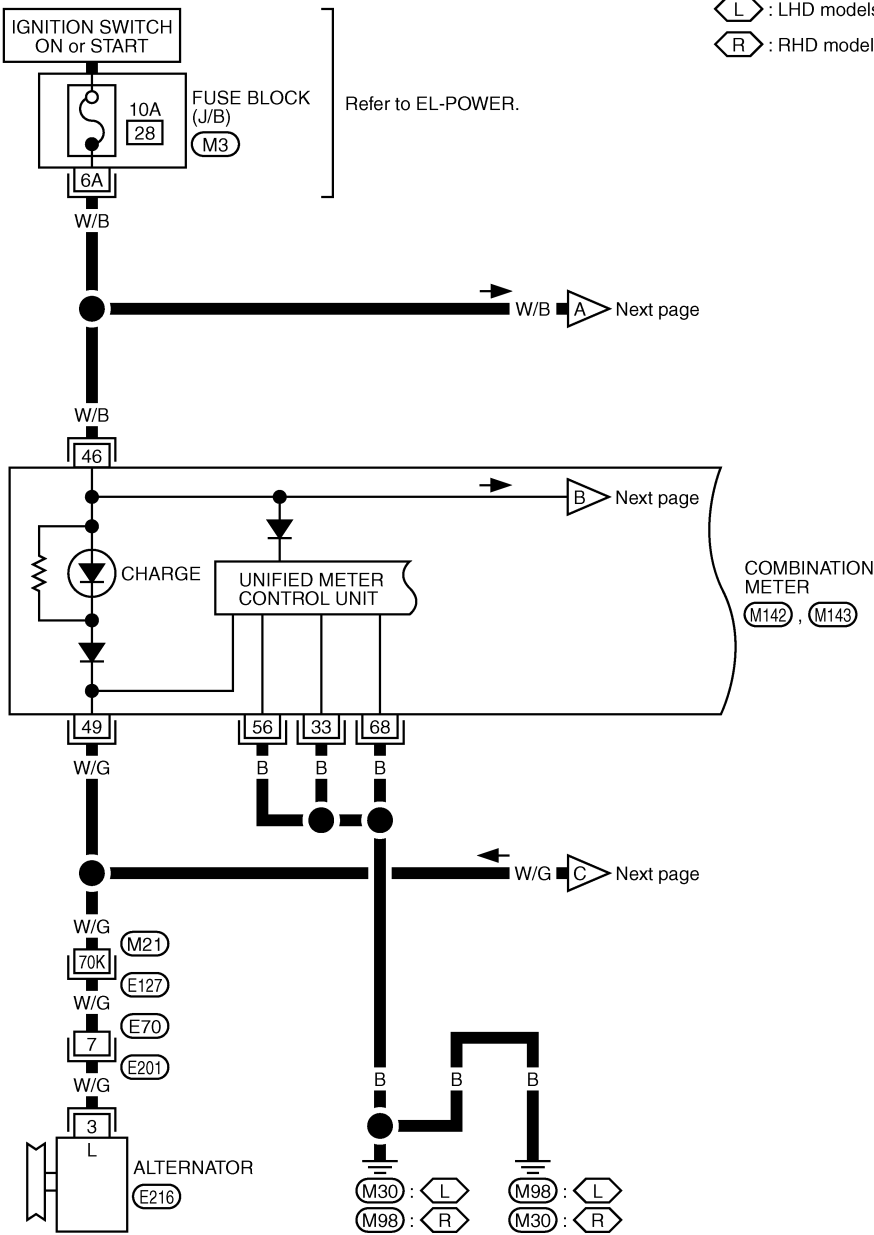
TROUBLE DIAGNOSES

Wiring Diagram — S/TANK —

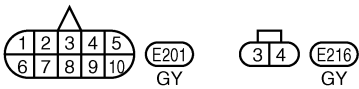
WAGON AND HARDTOP MODELS

FE-S/TANK-01

L : LHD models
R : RHD models



25	26	27	28	29	30	31	32	33	M142
34	35	36	37	38	39	40	41	42	BR
45	46	47	48	49	50	51	52	53	M143
56	57	58	59	60	61	62	63	64	BR



Refer to last page (Foldout page).

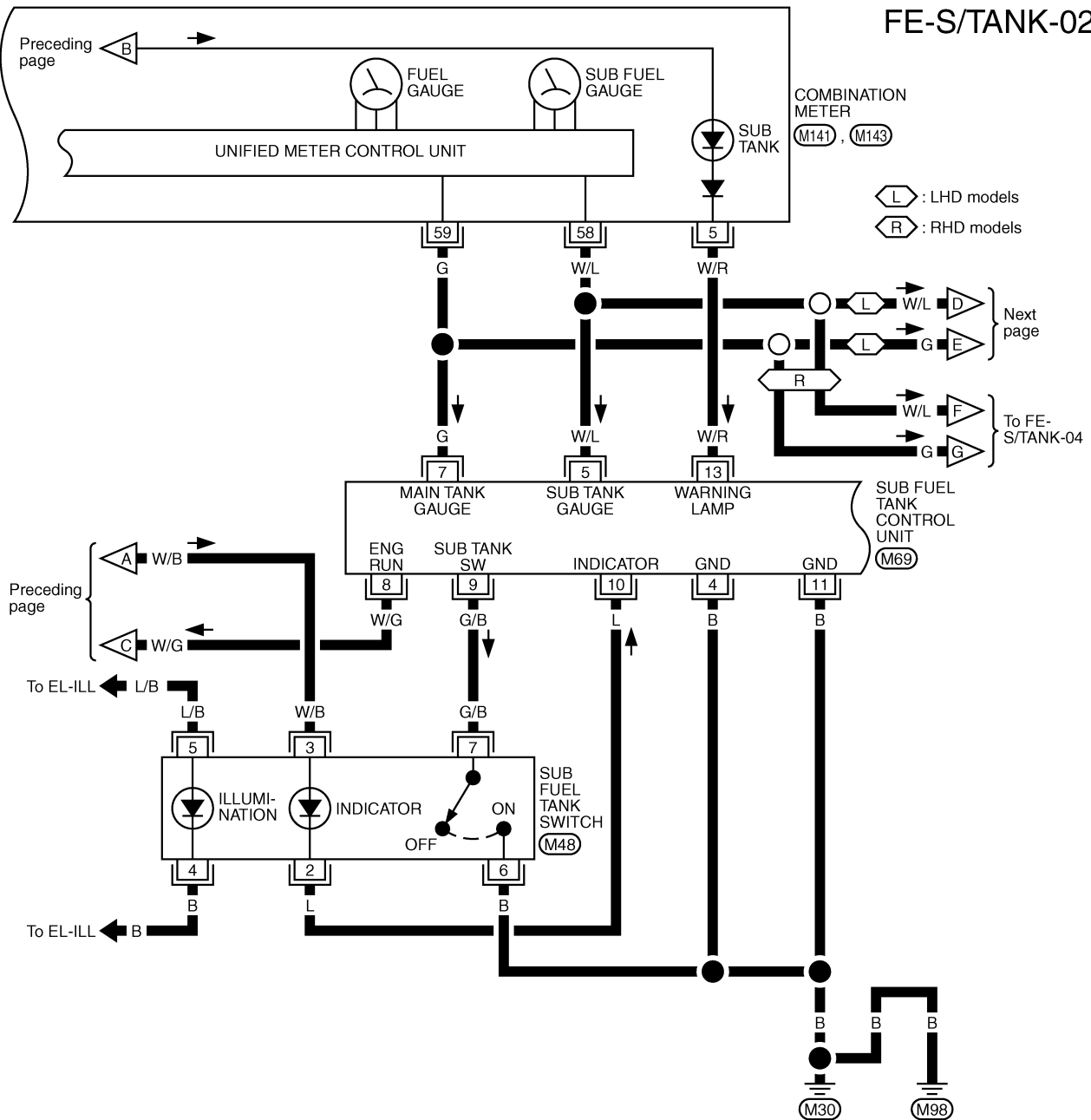
M21, E127
M3

TROUBLE DIAGNOSES

Wiring Diagram — S/TANK — (Cont'd)

WAGON AND HARDTOP MODELS

FE-S/TANK-02



8	7	6	5	4	3	2	1
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M48
GY

10	3	13	9	8	7	12
2	4	6	11	5	1	

M69
BR

1	2	3	4	5	6			7	8	9	10	11
12	13	14	15	16	17	18	19	20	21	22	23	24

M141
W

45	46	47	48	49	50			51	52	53	54	55
56	57	58	59	60	61	62	63	64	65	66	67	68

M143
BR

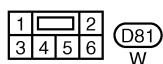
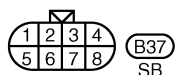
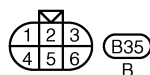
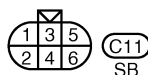
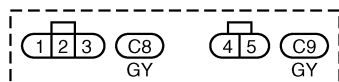
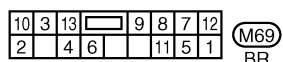
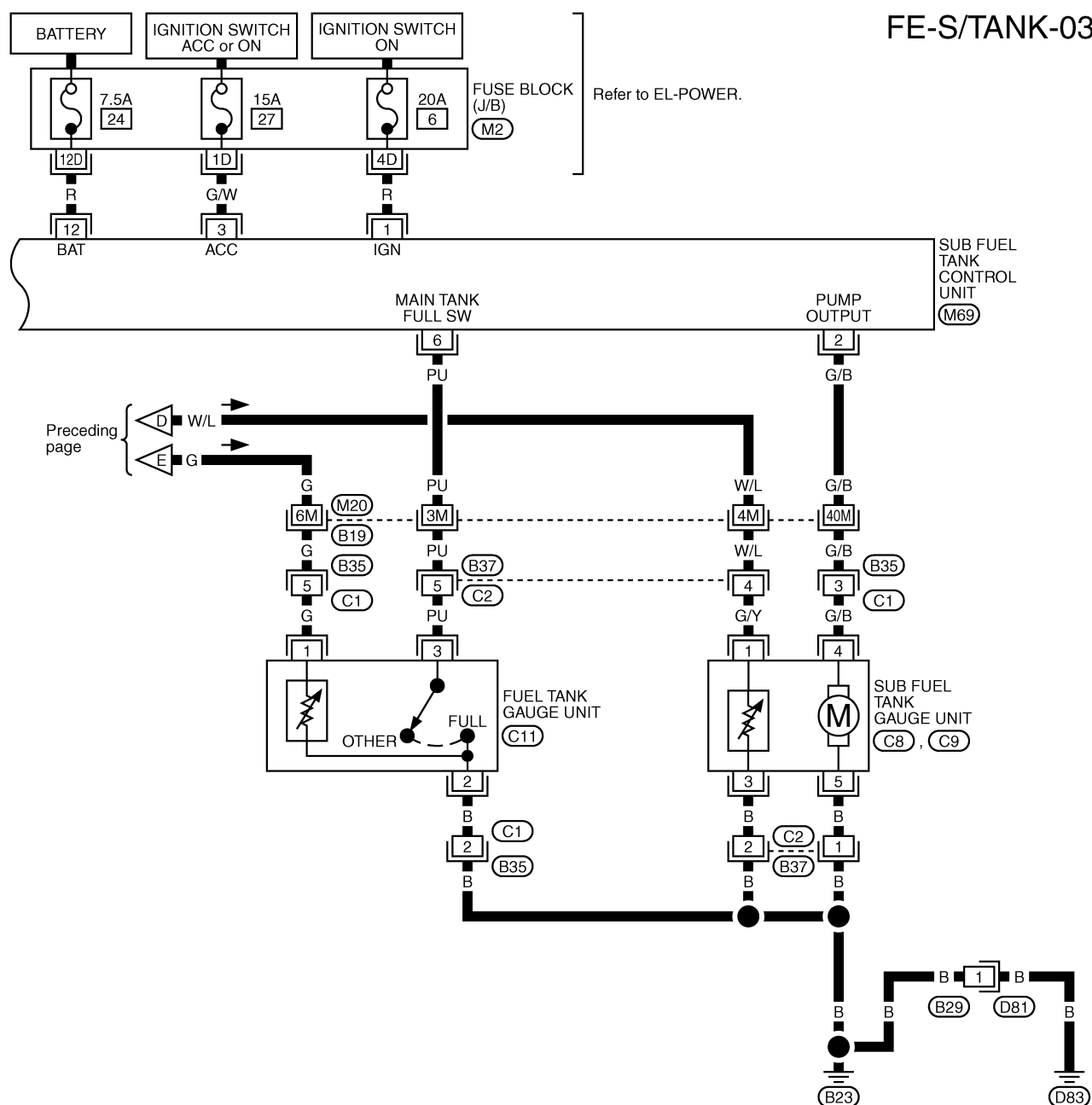
TFE062M

TROUBLE DIAGNOSES

Wiring Diagram — S/TANK — (Cont'd)

WAGON AND HARDTOP MODELS (LHD)

FE-S/TANK-03



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(M20), (B19)

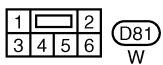
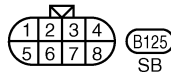
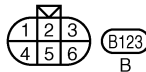
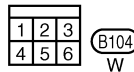
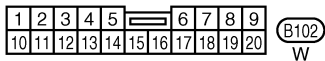
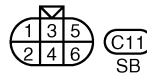
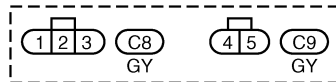
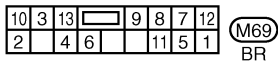
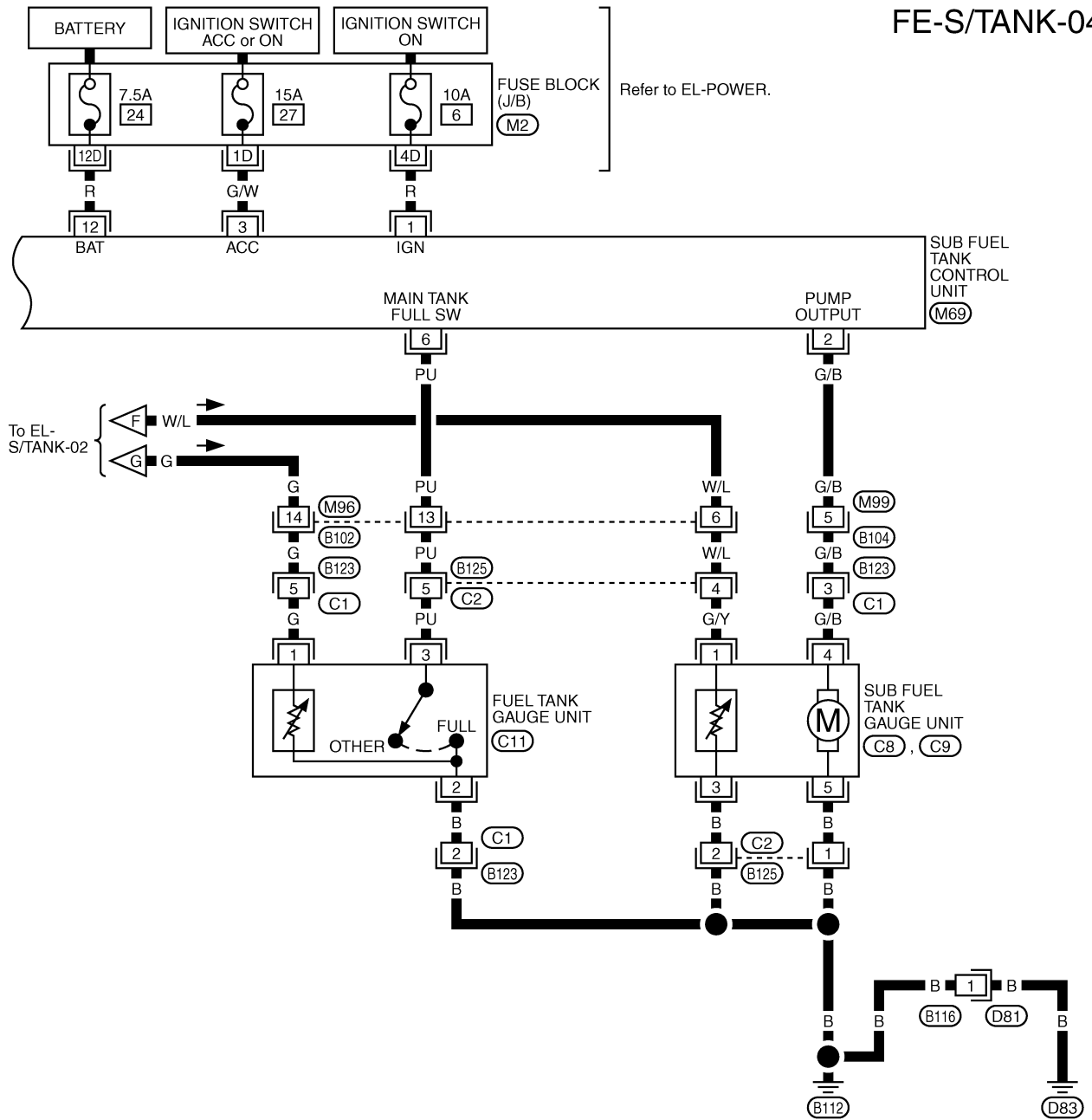
M2

TROUBLE DIAGNOSES

Wiring Diagram — S/TANK — (Cont'd)

WAGON AND HARDTOP MODELS (RHD)

FE-S/TANK-04



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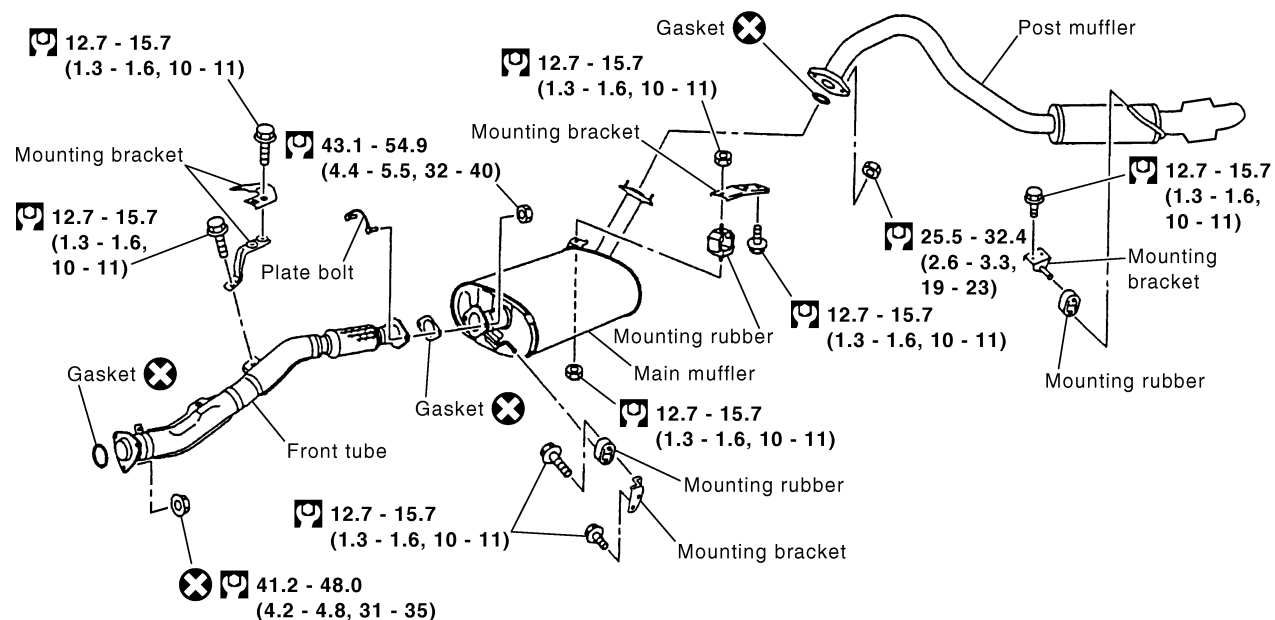
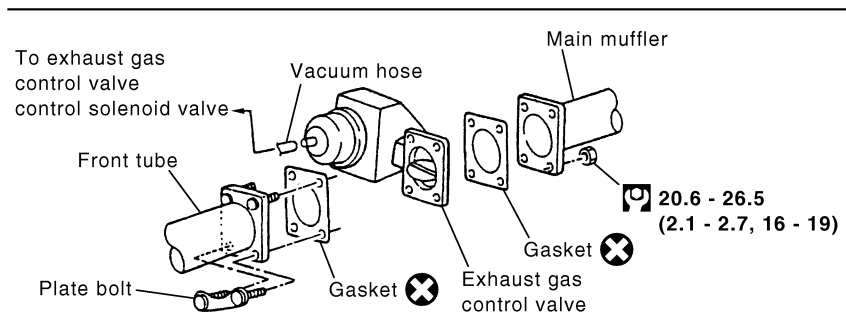
(M2)

SEC. 200


Hardtop with ZD30DDTi engine

Diagram illustrating the main muffler assembly components and their torque specifications:

- Main muffler**
- Gasket** (marked with a crossed-out circle, indicating it is not to be used)
- 43.1 - 54.9 (4.4 - 5.5, 32 - 40)** (Torque specification for the main muffler flange)
- 12.7 - 15.7 (1.3 - 1.6, 10 - 11)** (Torque specification for the mounting brackets)
- Mounting rubber**
- Mounting bracket**
- Insulator**
- 12.7 - 15.7 (1.3 - 1.6, 10 - 11)** (Torque specification for the mounting brackets)
- Mounting bracket**
- 12.7 - 15.7 (1.3 - 1.6, 10 - 11)** (Torque specification for the mounting brackets)



✖: Always replace after every disassembly.

 : N•m (kg-m, ft-lb)

SFE872A